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AMERICAN POULTRY WORLD

DECEMBER, 1912

Vol. IV

No. 2

INDUSTRY

PROGRESS

ECONOMY



AMERICAN POULTRY PUBLISHING COMPANY
BUFFALO, N. Y., U. S. A.

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AMERICAN POULTRY WORLD

Published the First of Each Month by the
AMERICAN POULTRY PUBLISHING
COMPANY

158 Pearl St., BUFFALO, N. Y.

President GRANT M. CURTIS
Vice-President A. O. SCHILLING
Secretary-Treasurer WM. C. DENNY

SUBSCRIPTIONS

Fifty cents per year in advance. Five cents per copy. Ten cents per back number.

FOREIGN, one dollar per year. Canada seventy-five cents. Ten cents per copy.

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Write your name and post office address plainly. If your Journal does not reach you promptly each month, kindly notify us.

When you request change of address, give the old as well as the new address.

EXPIRATIONS AND RENEWALS

The AMERICAN POULTRY WORLD is discontinued at the completion of the subscription term by order of the postal authorities. This notice will be marked with a blue X when your subscription has expired. We solicit a prompt renewal. Please do not delay.

45,000 COPIES PER MONTH

It is positively guaranteed that during the year ending April, 1913, the AMERICAN POULTRY WORLD will circulate an average of forty-five thousand (45,000) copies per month. All advertising contracts are based on this circulation.

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We guarantee our subscribers against loss due to fraudulent misrepresentation in any display advertisement appearing in the AMERICAN POULTRY WORLD, providing the subscriber when ordering the fowls or merchandise, states that the advertisement was seen in the AMERICAN POULTRY WORLD, and places the order during the month or months in which the advertisement appears in our columns and promptly notifies us of the fraudulent misrepresentation of the advertiser, giving full particulars:

American Poultry Publishing Company

Advertising Rates Made Known on Application

Entered at the post-office, Buffalo, N. Y., as second-class mail matter.

50,000 FOR DECEMBER, 1912

E. D. Corson, Secretary-Treasurer of the Corson Manufacturing Co., printers and binders, being first duly sworn, states that that company has a contract for and is printing and binding fifty thousand (50,000) copies of the December, 1912, number of the AMERICAN POULTRY WORLD.

E. D. CORSON.

C. B. KOON, Commissioner of Deeds.

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A Few Words About This Months Colorplate Frontispiece. Are Campines to Enjoy an American-Canadian Boom. Danger of Running Day-Old Chick Business Into the Ground. Provisions of the U. S. Parcels Post Law. Now for Parcels Post and a Still Greater Poultry Industry. Market Poultry and Egg Standard Committee Held Three-Day Meeting In Chicago. Strictly Fresh Eggs Sell at Six Cents Each In New York City. Boston Show Offers Cash Prizes on Market Poultry and Eggs. President Hicks Not a Candidate For Re-Election. New Members A. P. A.

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NOTICE TO ADVERTISERS


ALL advertisers are requested to send copy for advertisements to this office as early as possible. We again call attention of advertisers to the fact that all who desire to make changes in their advertisements **MUST SEND NOTICE TO REACH THIS OFFICE BY THE FIFTH OF THE MONTH AND ALL ADVERTISING COPY MUST BE RECEIVED NOT LATER THAN THE FIFTEENTH OF THE MONTH PRECEDING DATE OF ISSUE.**



MAMMOTH

MALINES

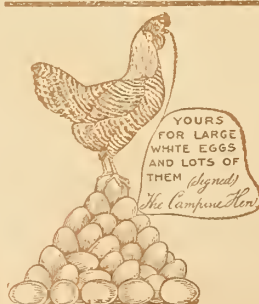
Black and White



STRAIN

Our yards contain winners at the Crystal Palace Show. A number of imported birds for sale. Write for prices and book on this great utility fowl. It's free for a stamp.

MANHATTAN FARMS, Box B, BRIGHTON, N. Y.



KENNEDY'S IMPROVED CHAMPION STRAIN SILVER and GOLDEN CAMPINES

The fowl with a character all their own—a beautiful bird dignified in action, symmetrical in structure, aristocratic in bearing, very tame and friendly and exceptionally hardy. *Campineology* (second and greatly revised edition) will be off the press early in January and will be an encyclopedia on The Campine Fowl. "The living money makers" showing colored cuts and many classy illustrations, in fact it will be a work of art—send for a copy at once as the second edition will be limited, stating if you will be interested in eggs for hatching or not for the coming season. (ten cents to pay postage will be appreciated.) **FOR SALE—I have a few birds left that I can afford to part with.**

J. FRED N. KENNEDY,

Box B, BIRCH CLIFF, ONTARIO, CANADA

PUBLISHERS' DEPARTMENT

With the approach of the Christmas season the question of suitable gifts for friends and acquaintances is uppermost in the minds of a majority of our readers. The question is, What can I select that will be most acceptable?

Let us answer that question for you by a suggestion that you turn to page 14 and look over our "Christmas Specials." What could you select that would be more suitable and appropriate for your friends? Why not make a gift that will not only gladden at Christmas time but will continue to bring good cheer at regular intervals during the ensuing year? What could be more desirable than such a present?

Another point in favor of our "Christmas Specials" as gifts, is the small outlay required, yet you could not secure another gift that represented their value for twice the cost. This will allow you to go even farther in your gift making than you had anticipated—besides each paper in a combination may be sent to separate addresses—making your gift powers still greater. Give this consideration.

In addition to the above our "Library of Popular Poultry Publications," will be found to serve your purpose admirably. This list embraces books of all the popular breeds and varieties besides those on subjects that cover every phase of the poultry industry. They will not only be found to contain a vast amount of reliable information for the beginner—information that will impart knowledge that only comes from years of experience—but also to contain much that will be of assistance to the experienced breeder.

The complete list follows:

The Wyandotte—all varieties.....	1.00
The Plymouth Rocks—all varieties.....	1.00
The Leghorns—all varieties.....	1.00
Successful Poultry Keeping.....	1.00
Rhode Island Reds.....	.75
The Orpingtons.....	.75
Ducks and Geese.....	.75
Turkeys.....	.75
Artificial Incubating and Brooding.....	.50
Asiatics.....	.50
The Bantam Fowl.....	.50
The Chick Book.....	.50
Eggs and Egg Farms.....	.50
Poultry Houses and Fixtures.....	.50
Reliable Poultry Remedies.....	.25
Egg Record and Account Book.....	.25

In sending in your orders for either the "Christmas Specials" or the books, if you will request it we will enclose a card with your complements when filling the order.

THE GOOD THINGS IN THIS ISSUE

As announced last month a beautiful colored insert of a trio of S. C. Buff Leghorns will be found in this number. This is the first of a series of these inserts that we are contemplating and is one of the finest pieces of color work ever appearing in a poultry publication. In connection with this color plate is published an article on the S. C. Buff Leghorn by J. Courtney Punderford, who in addition to being recog-

nized as one of the leading breeders is one of the most prominent Leghorn judges. This is supplemented by an authentic history of their origin by one of the originators, J. Pederson-Bjergaard of Denmark.

The second installment of Mr. Drevensstedt's articles on Judging Standard-bred Poultry—entitled "Exhibitors and Judges," will be found highly interesting to all interested in judging and exhibiting poultry, especially so to those about to make their first exhibit or to those who aspire to the "wand and duster."

All breeders of Wyandottes will find John S. Martin's article on "Heredity in Breeding White Wyandottes" of great value and the points made in connection with the breeding of this variety will apply with equal force to all standard breeds. No breeder who is interested in the improvement of his flock should fail to give this article careful reading.

Another installment of those valuable and interesting short articles appears in this issue. These contain a vast amount of reliable information, as they are written by breeders who write from practical experience. While their experiences may not parallel yours, yet there are many lessons to be drawn from the same that are sure to prove their worth if intelligently applied.

The good points of the Cornish Fowl are expounded by John W. Ward, Jr., who believes in a bright future for the old and worthy breed. As Mr. Ward says: "Too many people have looked upon this breed as purely an ornamental variety without attempting to ascertain their utility qualities, with the result that they have remained in the background when they were deserving of better consideration."

W. M. Elkington, whose letters from "Over Seas", are always interesting, draws some comparisons between the American Poultry Association and the English Poultry Club, that shows where American fanciers have risen above their English cousin in the management of the affairs of the poultry industry in the respective countries, and states pointedly that fanciers and judges in America respect the Standard of Perfection, while English breeders and judges foster fads and fancies of their own in direct opposition to the English Club Standards.

"The Two Great American Egg Laying Contests" is the title of an article by O. Wilson, who makes some interesting and intelligent comparisons of the results of the two egg laying contests just closed, one at Storrs, Conn., and the other at Mountain Grove, Mo. The result of these contests should prove an incentive for every American breeder to strive for a better egg production.

Many other valuable features will be found in the pages following and we hope that each and every reader will find one or more things in this issue that will enlarge their knowledge of poultry culture and enable them to meet the problems that confront them with greater decision and more effectually.

In closing we wish to extend to every reader our best wishes for a Merry Christmas and a prosperous New Year. May your success reach a higher level than ever before.

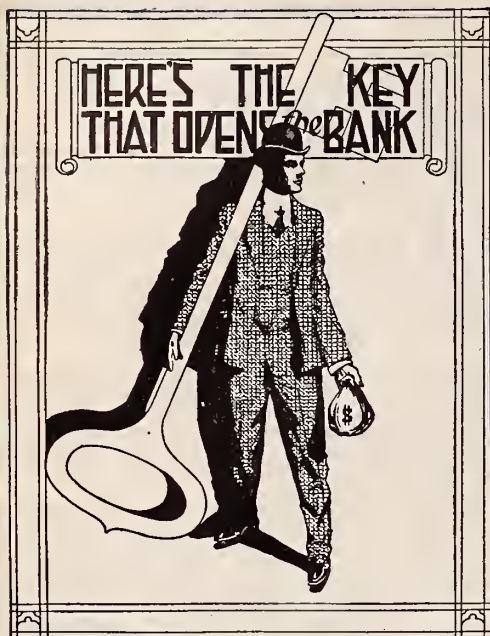
VICTORY UNEQUALLED

has been the record of the *Monmouth Strain of S. C. Buff and White Leghorns* in the hands of our customers at the *fall shows*. The winning of *first pen*, 1st and 5th cockerel and 2nd pullet by one of our patrons was the sensation of the *Great Allentown Show*. The quality of our *Buffs* and *Whites* is the talk of expert fanciers. We will not exhibit at *Madison Square Garden* or at any of the eastern shows this season, so we are in a position to supply you with *winners* both in old and young stock. You cannot afford to let this opportunity pass. Write us your wants immediately. A grand lot of utility pullets, cockerels, yearling hens and cock birds in both varieties ready for shipment.

NOTE.—Send 25 cents for a reproduction in colors of Schilling's wonderful oil painting of the greatest trio of S. C. Buff Leghorns ever bred. A masterpiece worth having.

Monmouth Farms, Freneau, Mon. Co., N. J.
J. C. PUNDERFORD, Owner

CANDEE



"Opportunity consists in doing the thing that other people neglect to do."

The opportunity today is in Custom Hatching, described in full in our free booklet, just off the press.

Wherever poultry is raised, the central custom hatchery is just as necessary as creameries in dairy sections and grist mills for grain.

It is a money maker from the start, costs but a few cents a day to operate, the work is light and pleasant and one man or woman can easily handle a big machine.

The business is waiting for the man to unlock the door and let it in.

The 1913 Candee Sets a New Standard in Incubators

It combines the *true sectional construction*, with accurate workmanship and mechanical perfection. The design is refined and, with the sanitary wax finish the product has the appearance of *high grade furniture*.

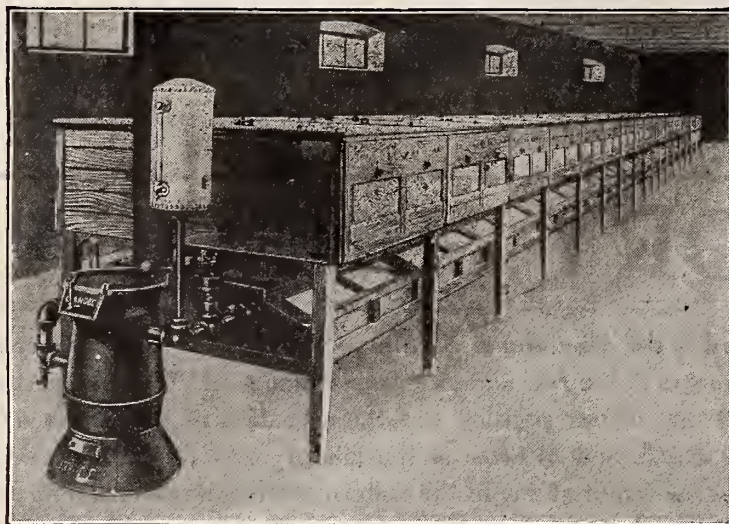
The patented automatic double regulation of hot water heat *insures safety* against operating mistakes and sudden weather changes.

Each compartment holds 300 eggs and is operated independently. It has its *own regulator* that one adjusts occasionally as the hatch progresses, thus giving an automatic regulation of heat control, moisture and ventilation.

The egg trays are stationary, the same as in every small incubator. They hold 75 eggs, a convenient size and weight to handle.

Operation is the same as in small incubators, with the *bother and danger* from the oil lamps *left out*. One heater handles any capacity. Its fuel cost is lower and one heater is tended quicker than oil lamps, hence, a great saving in labor.

Artificial incubation *owes its success* to the *thermostat* or heat regulator and the Candee is the *only* so-called *mammoth* using any automatic regulator in the egg chamber—although every small incubator has it.



The Candee solves the labor problem in the poultry plant by doing automatically the work that had to be done by hand in the old style machines.

The Candee is made in any size from 1200 to 20,000 eggs, according to the number of sections the customer desires. More sections can be added at any time.

This is a 10,200-egg Candee, made up in sections with 34 hatching compartments of 300 eggs each.

We supply free upon request:

Incubator Catalogue
Brooding System Catalogue
Custom Hatching Booklet

Incubator Cellar Plans
Brooder House Plans
Expert Building Advice

Since the hatching season is so near at hand, if you will write what size incubator you desire or how many chicks you wish to brood at one time we will quote you prices by return mail and save time for you.

Candee Incubator & Brooder Co., Dept. 3, Eastwood, N. Y.

The Only Incubator Company Who Manufacture Their Own Heaters.

"Profitable Poultry and Egg Production"

HERE is the greatest Free Poultry Book of 1913—compiled for *your success* in one of the most promising money-making years in the poultry business. A book of sane, *practical* guidance—not written by one man or a set of men, but brought together from the garnered experience of *many* of America's *most successful* poultry men and women.

This Great Poultry Book is FREE

and its value to you will be immediate and *far-reaching*.

It contains actual records and facts developed *during 1912* on Cyphers Incubator Company's \$75,000 Experimental and Demonstration Farm. These facts are instructively illustrated by photographs of *live and dressed fowls*, the most modern poultry structures and equipment, also plans for laying out poultry yards, etc., etc.



The Cyphers Company's Year Book has always been regarded as an invaluable contribution to current poultry literature—and this year it is more *vitaly interesting*, more *truly helpful* than ever before. It treats of the *real foundation of success* and at the same time is practical in every detail.

244 Pages—500 Illustrations Many Vital Facts

The eight special chapters that go into the very heart of *profitable poultry and egg production* should alone be worth *many, many dollars* to you.

Here are the chapters—note how broad their scope, how personal and practical their application:

- Chapter I. —What is Possible in Poultry and Meat Production.
- Chapter II. —What Can be Done in the Way of Egg Production.
- Chapter III. —Deep-Litter Feeding Experiments of 1912.
- Chapter IV. —Quick Maturity in General-Purpose Fowls.
- Chapter V. —Ages and Weights of Chickens for Table Use.
- Chapter VI. —How to Establish Prolific Egg-Yield Flocks.
- Chapter VII. —Today's Best Chance in the Poultry Business.
- Chapter VIII. —Small-Scale Poultry Keeping on a Practical Basis.

Cyphers Incubators and Brooders

The World's Standard Poultry Equipment and over one hundred separate articles—best of their kind—for poultry and egg producers' use—are fully illustrated and described in our 1913 Free Book.

Everything from Cyphers Company Mammoth Incubators with capacities for tens of thousands of eggs—down to a leg band! You simply can't afford to be without this *permanently valuable* book—especially so if you plan to take advantage of

The Big Opportunity This Year

There is no question but that new money-making records will be established by enterprising poultry growers this season.

Highest Prices for Poultry and Eggs

Never since the Civil War have poultry and egg prices been as high as they are this year. This is no mere prophecy. It's rounded on *facts*. Last season's shortage in the poultry and egg crop is the principal reason.

Lowest Cost to Produce—Biggest Profits

And also remember this fact: that while you are to get more money for your products, they will be costing you *less* to produce and market, *because* grain foods are quite a little lower than they were last year. The farmers' enormous crops have brought the prices down, including chicken feed in common use.

Up-to-date poultry growers who use the latest methods are going to make large profits under these unusually favorable conditions. Many old hands are going

into the business on a bigger scale than ever before.

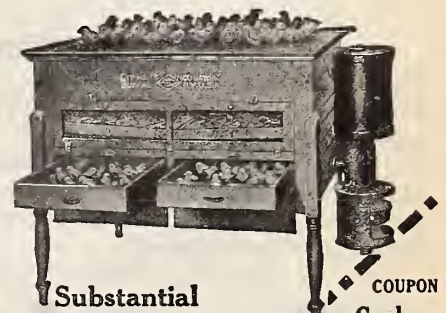
To avoid the numerous mistakes and pitfalls, let the Cyphers Year Book be your guide, and remember that the Cyphers Company's Service Department and Demonstration Farm are headquarters for money-making poultry facts. Well-known poultry experts now contribute.

Free Bulletin and Personal Letter Service

in the daily interest of every Cyphers Company customer. Write and find out how to secure this special service.

1913 Poultry Growers' Guide Get Your Copy Today—NOW

You have only to fill out this coupon and mail it to us to secure our 1913 Poultry Growers' Guide of 244 pages—each copy weighs one pound. But don't put it off! Remember the profits this year that are to be made and make *your start* early. Address



Substantial
Fireproof
Dependable

COUPON
Cyphers
Incubator Co.
Dept. 31
Buffalo, N. Y.

Gentlemen:—Kindly send me, postpaid, your 1913 Profitable Poultry and Egg Production Book, also facts how I can secure without charge the full benefits of Cyphers Company's Free Bulletin and Personal Letter Service.

Cyphers Incubator Company

Dept. 31

Factory and Home Offices, Buffalo, N. Y.

Branch Stores and Warehouse s

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Chicago, Ill., 329-331 Plymouth Court

Kansas City, Mo., 317-319 Southwest Boulevard
Oakland, Cal., 2127-2131 Broadway
London, Eng., 121-123 Finsbury Pavement

My Name.....

My Address.....

THE BROOKSIDE FARMS

BREEDERS OF JERSEY CATTLE.
WHITE YORKSHIRE PIGS. SINGLE
COMB WHITE LEGHORNS. BARRED
PLYMOUTH ROCKS. WHITE ORPING-
TONS. TABLE EGGS. EGGS FOR
HATCHING. DAY-OLD CHICKS

Day-Old Chicks Eggs for Hatching

White Leghorns,	\$15.00 per 100	\$1.50 per 15,	\$ 8.50 per 100
Barred Rocks,	20.00 per 100	2.00 per 15,	12.00 per 100
White Orpingtons,	30.00 per 100	3.00 per 15,	18.00 per 100

Let Us Book Your Order NOW

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OUR POULTRY BUILDINGS are the best that modern knowledge and experience can produce. Nothing has been omitted from their equipment which could add to their convenience or promote the health and comfort of the birds. Spring water is running constantly in every building, and only the best procurable foods are used, which are bought in quantities sufficiently small to ensure their being constantly fresh.

We have combined the Young and Wyckoff strains to produce a vigorous and heavy-laying line of White Leghorns. Our Barred Rocks are of the Bradley strain—the Barred Rock Standard. Our White Orpingtons we have bred from stock which we brought from England and they are splendid in size, color and vigor. From 7,000 of these birds we have selected 1,300 of the finest yearlings for the production of day-old chicks and eggs for hatching, which we offer at the above prices, and we challenge the poultry world to produce better at any price.

We have shipped chicks 1,500 miles with entire success. Eggs shipped by us across the continent have yielded 98 per cent. hatches.

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ENTER YOUR ORDER NOW

The Brookside Farms, Box B, Great Barrington, Mass.

Telegraph and Telephone: Brookside Farms, Great Barrington, Mass.

OWEN FARMS

THE AUTHORITY ON

**White Rocks, White Wyandottes, White Orpingtons, Buff Orpingtons,
Black Orpingtons, Barred Rocks, Single and Rose Comb Reds**

When you consider the purchase of anything, and especially when that thing is of considerable importance, the first thing you do is to consider of whom you will make the purchase. Generally speaking you want some information concerning the article to be purchased and it is important that the information you get concerning it be derived from a house that has the reputation of being an **authority** on the subject. You want to feel that there is no one thing that can be told you, either good or bad, about the article that the house selected is not able to tell you. In other words, in the purchase of everything of importance, the one desirable quality in the house approached is that they shall be an **authority** on the subject. Now Owen Farms claims to be the authority on the eight breeds which they offer and we want to tell you plainly some of the reasons that entitle them to that position.

In the poultry world, as every one knows, there is an open, plain method of demonstrating a particular farm's ability to breed the best specimens known to the United States, and that is in the show room. Owen Farms has shown these eight varieties at the largest and most difficult shows held in our country and uniformly they have been the very largest winners wherever they have competed. They have furnished innumerable birds from Maine to California, from Minnesota to Texas to their customers and these birds have been shown in the hottest competition, where they have won handsomely.

Mr. Maurice F. Delano, who has judged at New York, World's Fair, St. Louis, Boston, and in fact nearly all of the large shows of the country, stands without a peer as a judge of the breeds which we offer. Frank H. Davey, another licensed American Poultry Association judge and looked upon by the whole United States as one of the most able men in this direction, also is a member of our organization. If the question is asked Owen Farms how good a bird it takes to win a particular show, I say without any hesitation and emphatically that there is no organization in the world that can be so sure of giving the right answer. Whatever the information desired may be in regard to the poultry business you cannot possibly get a more prompt, specific and authoritative answer to your letter asking for it than you can from Owen Farms.

We breed thousands of birds annually from the very best parent stock that this country knows and we grow them successfully year after year. Above and beyond everything else we have a conscience that is alive, healthy and wide awake, which does not permit us in any possible case to charge one dollar more for a bird than we are positive is the actual value.

Not a High Priced Farm

Our Mr. Delano has just returned from a trip to the Nashville and Memphis Shows. We took there 127 birds which we entered. Of these 127 birds at Nashville, 113 of them were placed under ribbons. Only 14 out of the 127, after traveling 1000 miles, failed to get the eye of the judge. At Memphis 94 of our birds were declared winners in spite of the fact that we had sold and delivered a large number of birds from the string which went on from Nashville to Memphis. I believe this is the most extraordinary winning that has ever been made in the history of the United States. The winnings were made throughout our entire range of varieties and they were uniformly successful. I asked Mr. Delano when he arrived home to give me as accurately as he could what he found to be the impression concerning Owen Farms. I am pleased to state that he found every one enthusiastic about the wonderful winnings that were made. They approved uniformly our methods, and one and all who had had experience with us said they received large value for the money, but he added that generally the opinion among the smaller breeders is that Owen Farms' prices are very high and that it is useless for them to come to Owen Farms for their breeding stock and their show birds because they cannot afford the price. **Nothing could be a greater mistake** than this expression of feeling. I am positive that at \$10.00, \$15.00 or \$25.00 no farm in the United States is giving as much value in birds so uniform in quality, color and detail as we are, and I want to say urgently that the man or woman who sends an order to Owen Farms saying to send the best cockerel of a particular breed, or the best pullet, for \$10.00, \$15.00 or \$25.00, with no other specification and no other requirement, simply adding to the letter that it is understood that this bird is to be sent on approval and subject to the satisfaction of the purchaser, will get a

greater bargain than they can possibly secure from any other source.

Exhibition Birds

This is the period of the great shows throughout the United States. Some say the birds raised this year are fewer in number; that they were later in hatching and that the difficulty in putting grand, good birds into the show room was never so great as now. Our experience is just the reverse. We never raised so many; we never had them so good and we never had them so early. We can furnish you birds for exhibition that will do what we say they will. Get in touch with us early and make your arrangements, for we sell only to one person in a class for any show and when we have booked we cannot sell to the second individual.

Who Takes The Chance?

Let us assume that you wish to purchase a White Rock cockerel to win Allentown, Pa. You make the inquiry of half a dozen different people as to what their charge would be for the bird good enough to win that show. You get half a dozen replies and they vary in the amount charged from \$15.00 to \$75.00. Now if you purchase the \$15.00 bird from one of the six, I want to impress upon you that you take the chance of his winning. If you purchase the \$25.00 bird of another you still take the chance of his winning. If you purchase a \$50.00 bird you still take the chance of that bird's winning. The reason is because there is likely to be other birds of that value and so good that they may beat this other bird. We tell you that that is so. The other farm does not tell you. If you wrote us we should give you a price of \$75.00 for a guaranteed winner of the Allentown Show and we would give you a bird of the full value and a bird that would stand out in front of others and win. Others disappoint you; we do not. Why? Because we are an **authority** on the quality necessary to win a particular show and we know. In each case where we guarantee a winner we give you a price and **we take the chance**. Do you appreciate how eminently fair this is? Do you understand that we set ourselves up as an **authority** and that if we make a mistake and fail, it is purely up to us, and that we ought to suffer accordingly? Which we are always prepared to do. In every case of a bird sold for exhibition, either you, the purchaser, or the seller must take a chance. How will you have it? If you want us to take it, write us fully what you wish to do; give as full and fair statement of the case as possible and receive our proposition concerning it.

Our Winnings

Everybody now must be familiar with our New York winnings last year. In an other column, separate from this advertisement, (on page 24 of this Journal, you will find Owen Farms winnings at the Nashville Fair, Sept. 16th to 21st, and at the Memphis Fair, Sept. 23rd to 28th. Kindly look these over carefully and see what it means to you as to what we can do. We are showing at Atlanta, Georgia, Oct. 27th to Nov. 2nd, and at Augusta, Georgia, Nov. 4th to 9th. Note what we do there.

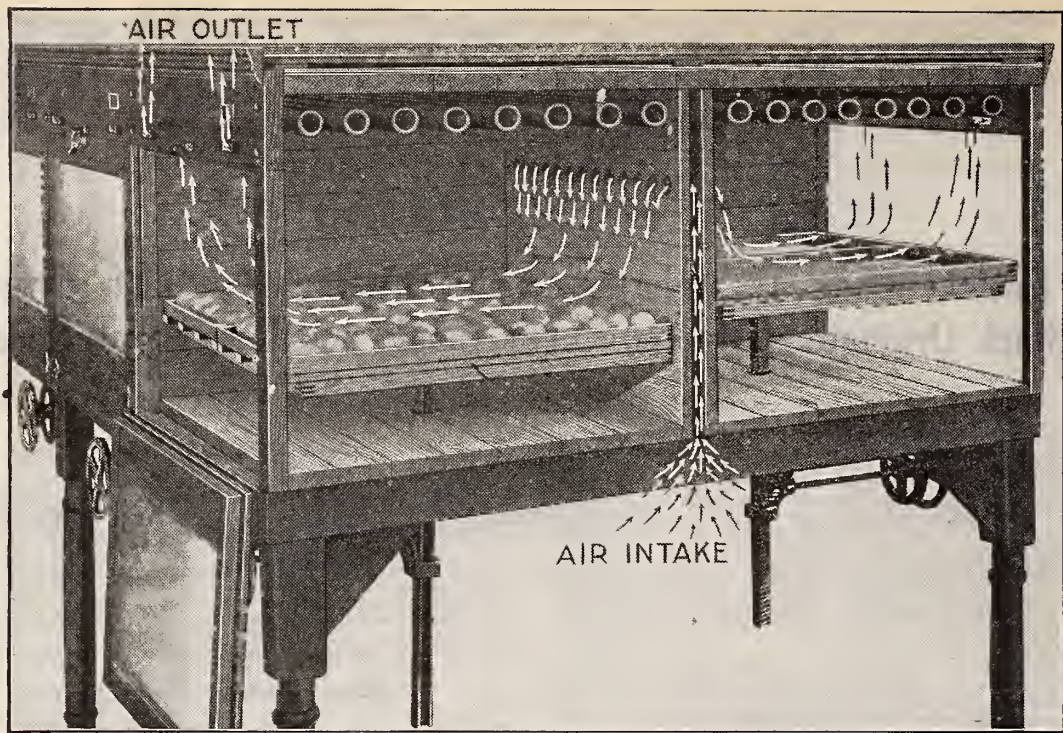
Eggs For Hatching

I received last evening a check from one of our old customers, who saw Mr. Delano at Memphis, for eggs for hatching this next season. He desired to have eggs from a pen headed by our First New York Cockerel in White Orpingtons last year. He was told by Mr. Delano that this year we should change our system of selling eggs and sell from individual and particular pens. This customer was certainly an early bird and he will secure the goods. We shall undoubtedly have our pens arranged earlier this year than ever before and while I do not expect to have our mating list mailed before January 1st, it will be mailed on that date if it is possible for us to do it. We certainly later shall have some very pleasant things to say about eggs for hatching.

Low Priced Birds

This is the season when we have \$5.00, \$7.50 and \$10.00 cockerels, and a few females at \$3.00, \$4.00 and \$5.00 each, that are extraordinary value.

OWEN FARMS, 115 William Street, VINEYARD HAVEN, MASS.
WM. BARRY OWEN, Proprietor MAURICE F. DELANO, Manager

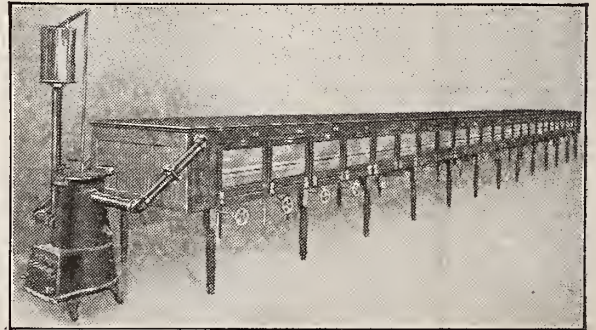


The How and Why of Newtown Superiority

Take a look at the above photograph. It's the end of a Newtown Giant Incubator farthest away from the heater, opened up so you can see its operations plain as day. See how it handles the vital matter of ventilation and moisture.

Fresh Air the Keynote to Correct Hatching

Notice the open space at the back of the chambers, extending full length of each compartment. **Newtown Ventilating Process:** 1. Fresh air rises *constantly* in the opening at back of chambers. 2. It enters the chambers through openings at the top. 3. It descends upon the eggs from above, because it is heavier than the warm air in the chambers. It is also radiated downward by the warm pipes above. 4. It circulates through the chamber and rises as warm air. 5. It passes out at the top—*NOT at the bottom*, carrying out fumes and gases.



Newtown Giants, any size, 1,200 to 10,000 Eggs

The Newtown Giant is the one large scientific incubator. Heat and air are circulated according to natural laws. The moisture nature placed in the egg is retained, none need be supplied. No such impossible scheme as attempting, contrary to physical laws, to force the heated air down and out at the bottom is employed, as in some incubators. The proof of its correct construction is shown in its remarkable hatching record: *Always the most chicks from any given number of eggs.* Chicks with vitality—big and strong and heavy, because the eggs have been in right conditions of heat, fresh air and moisture from the first day of incubation.

“Individual Regulating Hover” Brooding System

Controls temperature and fresh air in each hover individually. Fresh air is brought directly into each hover. Each hover full of chicks has the exact temperature they require—chicks one day old in one hover—chicks two months old in adjoining hover and each one with different temperature and quantity of fresh air. These are advanced practices found only in the Newtown Brooding System. Investigate and be convinced. *Send today for Incubator Catalog P and Brooder Catalog H.*

NEWTOWN PRODUCING CO.,

Newtown, Pa., U. S. A.

WILLIAM COOK & SONS

ORIGINATORS of all the Orpington Fowls and Ducks

Box W,

SCOTCH PLAINS, NEW JERSEY

Established 1873



Eventually, if after the best Orpingtons, all varieties, you will send to their **Originators**. Why not now? and avoid loss and disappointment; we **guarantee** safe delivery and **satisfaction**, which is backed by a **reputation** of thirty-nine years' standing, **this means much to you**. Then **experience** counts, surely we should understand **Orpingtons better** than a man who has them just a year or two. We **made** the Orpingtons, all of them, including the Blue Orpingtons, and are **recognized headquarters** for the best. A **visit** to our plant, where you are **cordially** welcomed, will prove this, as well as our **Thirteen Thousand** first prizes and our winning 103 firsts and 72 seconds at Madison Square in six showings, **more** than eight times as many firsts as any other Orpington breeder.

We can supply on the same day as order is received, or will keep and train your birds for you. The **finest** line of **Exhibition** birds that we have ever had. **Imported** birds from our **English Plant**, personally selected by our **Mr. P. A. Cook** for **American requirements**, which our English breeders do not know. Or **American** bred birds from our **many American winners, sons** of our first prize Madison

Square White, Buff, Black and Jubilee Orpington cockerels. **Now** is the time to enquire and order your show birds. We supplied twenty times more first prize winners than any other breeder last season. Do not forget the **\$50.00 Cups** we give, which only our customers can compete for. It pays to own **Cook Orpingtons**. Ask the people who own them. If you can advertise "**Cook Strain**" Orpingtons it will add money to your bank account and prestige to your stock. Send 10c for **Illustrated Catalog** containing History of the Origination of the Orpingtons, and Hints on Poultry Keeping. Eggs from our winners and the finest Orpingtons in the world \$20 a setting. From fine stock \$10. Blue Orpington eggs \$20 a setting. Advice free. Inspection invited. Trains met. Cook's Roup and Worm Powder and also **Laying** and **Condition Powder** for sale, best that exists. **Ornamental Land and Water Fowl** for sale.

Don't Work In the Dark

Let Electricity Save You Time and Trouble

It is often difficult to read an incubator thermometer when the machine stands in a dim corner. You may mistake the reading and ruin a fine hatch. Why work in the dark? Eliminate uncertainty. Install a

"Tycos"

**ELECTRIC LIGHTED
INCUBATOR THERMOMETER**

and be **SURE**, at a glance, of the temperature. A simple, reliable device, easily attached to any machine. Press a button, and a flood of light illuminates the scale, bringing out the figures and showing sharply the mercury. Movable attachment permits adjustment at any figure. Absolutely safe—worth ten times its price in time and temper saved.

Complete Outfit, with battery, wire, etc., and choice of any regular 75¢ **Tycos** Incubator Thermometer, price, \$2.50

PRICES

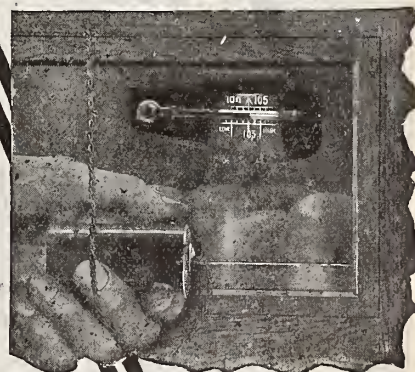
Tycos Incubator Thermometer	- - -	\$.75
Tycos Brooder Thermometer	- - -	.75
Tycos Electric Lighted Thermometer	-	2.50
Tycos Certified Incubator Thermometer	-	1.50
Tycos Electric Alarm Thermometer	-	5.00
Tycos Hygrometer	- - - - -	1.50

Write for Illustrated Free Booklet—"Incubator Thermometer Tips"

Taylor Instrument Companies,

**ROCHESTER,
N. Y.**

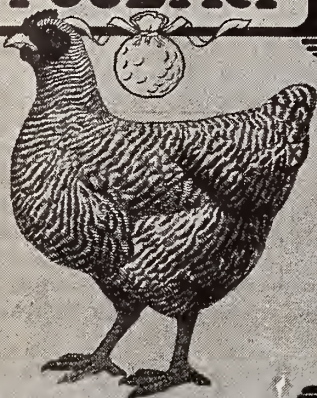
World's Largest Makers of Thermometers for all Purposes; Barometers and Scientific Instruments.



"Tycos"
INSTRUMENTS
ARE DEPENDABLE

because they are made right, under actual working conditions and thoroughly tested before leaving the factory. Always specify **Tycos**

MONEY MAKING POULTRY



Pittsfield Poultry Farm
PITTSFIELD, MAINE

100,000 Poultry Owners Have Been Helped
By This Great Free Book—Why Not You?

A brand new edition—just off the printing press—get it. The newest news about making money from Poultry. How we handle Barred Rocks here at Pittsfield is told so you can adapt our methods to your own profit in your yards. New illustrations of prize winners and high scoring birds make this feature helpful to the breeder who wants to keep up the quality of his stock. Tells you how to feed for more eggs. It is just the book you will want to read from cover to cover, particularly if you enter our great

\$225 “First Eggs” Contest

\$50 in Gold to the customer getting his first egg in the shortest time from pullet raised from a Breeding Pen purchased of us.

\$50 in Gold to the customer getting his first egg in the shortest time from pullet raised from Day-Old Chicks purchased of us.

\$50 in Gold to the customer getting his first egg in the shortest time from pullet raised from Hatching Eggs purchased of us.

\$50 in Gold to the customer getting his first egg in the shortest time from pullet raised from 8-Weeks-Old Chicks purchased of us.

\$25 in Gold to the customer getting his first egg in the shortest time from pullet bred to Cock or Cockerel purchased of us.

OUR BIRDS ARE MAINE BRED

Pittsfield Strain—bred in Maine—are bred to the highest egg production possible for sustained bodily vigor. Hardy reproducing powers and strong constitution. They are raised under the most approved conditions in open houses and will withstand the most rigorous weather conditions.

In case of a tie the prize will be divided equally between the winners. Contest closes December 1st, 1913. We can supply you with stock to enter this contest at any time. Prices low now. We guarantee safe delivery.

Get Our Winter Prices on Breeding Stock

Now is the time to get new blood into your own line of poultry. Do not wait till Spring. Our stock is actually finer this season than ever before. You will be gratified at the possibilities of Pittsfield Strain birds as producers of strong, vigorous chicks and early-laying pullets—birds true to standard.

We can send you Utility or Exhibition stock at low mid-winter prices. Our new plan of grading enables you virtually to select beforehand the stock you want. Our policy is to give you better value than you expect. Remember that. However, write for “Money-Making Poultry.” It costs you only the postage and you will find in it just what you are looking for.

Pittsfield Poultry Farm Co.,
276 MAIN STREET,
Pittsfield, Maine.





What Is a Good Incubator?

(Written by The Man Who Knows)



J. W. MILLER

DO YOU know what goes to make up a really good, dependable incubator?

If you have any doubts upon the subject, let me explain my ideal—the ideal which I have worked to embody in my incubators.

To begin with an incubator should have perfect insulation, a sensible heating system, a simple, efficient regulator.

These are the vital things. Upon them depend the success of your hatch, the sturdiness of your chicks, the profits of your enterprise.

There are a few good incubators on the market which meet these conditions perfectly. But there are other points to consider. For, if there's a weak spot anywhere, it is apt to prove costly.

For instance:

- the regulator should be automatic in action, never allowing the temperature to vary even a fraction of a degree;
- the ventilation arrangement should be carried to a point where it cannot be improved upon;
- the lamp and burner should be fire-proof, danger proof;
- the thermometer must be accurate;
- the incubator should have the best nursery advantages, the handiest egg tray, and be constructed of best materials possible to obtain.

As many have said before, you don't have to be an expert to "make good" with a good incubator. But if you are seriously thinking about spending your money for a hatcher, you want one that measures up—point for point—with the specifications outlined above. You want one that you can *readily understand*, one that exploits no freak or untried ideas, one that will stand the most minute inspection, the most unsparing scrutiny and *pay you large dividends on your investment*.

This is not a rosy picture from the draft-room, nor the conversation of an enthusiastic salesman. It exactly describes my "Ideal"—The IDEAL Incubator.

Because of its mechanical features of superiority, the Ideal is the machine you can be sure to make the most money with.



—It is absolutely safe—an explosion or fire has never resulted from its use.

—It gives better results with a smaller expense of operation and with less care and attention.

—It is handsome in appearance, of attractive design, finished in imitation mahogany, and with ordinary care will last a lifetime.

I'm proud of my incubator all the way through. Proud of the hatches made with the "Ideal." 95%, 98%, 100% perfect hatches are the records. These records are not a sensation. They were years ago. But sensations cease to be sensations when they become every-day occurrences. If you buy an Ideal you can obtain the same results.

The money you spend for an Ideal is as safe as if spent for a Government bond—you are sure of the returns—and, as I believe the Ideal is more likely to suit the demands of the people better than any other incubator in the world, and



help them to big profits, I heartily recommend it to all, and stand back of every claim made for it, regarding specifications, hatches, etc.

To those interested in incubators and poultry raising, I will send free my big Poultry Book which contains *actual photographic reproductions and descriptions of standard bred poultry*. I have only a limited quantity of these books on hand, and so that you may be sure of getting one, please send me your name and address at once.

If you send for Free Book immediately, I will also include my special low price, freight prepaid, introductory offer on my Ideal Incubators. When writing, tell me whether you are interested in a 60, 120, 175, 240 or 360-egg size.

Yours truly,

J. W. Miller

The J. W. Miller Co., Box 123, Rockford, Ill.
Manufacturers Ideal Incubators, Brooders, Grain Sprouters.



Another Big Surprise From MILLER

**It Was Low Price Last Year—
This Year It's Freight Prepaid
and An Unqualified Guarantee**

Nothing like this has ever been done before.

My low price now includes everything.

There are no extras to buy.

No freight to pay.

No risk to run.

You get the incubator that will make good money for you and I'll help you in the bargain. I'll tell you just what I have learned on my Millhook Poultry Farm in 25 years, so you can follow the successful money-making methods that I have perfected.

I tell you how to take care of the eggs before putting them into the Ideal and while they are in. I'll tell you how to take care of the chicks, how to feed them, how to raise them to earliest maturity, at least expense and for greatest profit. I tell you these things in plain words, easy to understand—

Without a Penny Cost to You.

If you are interested in poultry raising write me and I'll send you my low price, freight prepaid, introductory offer on Ideal Incubators and Brooders.

Valuable Money-Making Book FREE

I'll also include my big poultry book, which contains numerous photo reproductions of standard bred poultry, valuable information for the beginner and articles on the feeding and care of poultry. When writing for free book, address nearest office.

J. W. Miller Company, Box 123, Rockford, Ill.

J. W. MILLER CO., Dallas, Texas
The Chas. H. Lilly Co., Western Dist.,
Seattle and Portland



240
Egg
Size

Self-Regulating,
Self-Ventilating,
Perfect Heating System.
Requires Less Oil and
Attention Than Others

OUR CHRISTMAS SPECIALS

MAKE IDEAL GIFTS

Why not make your Christmas Gift one that will be an all-the-year round present. One that not only cheers at Christmas time but continues to bring remembrance each month during the year.

Such a present is one of our **Clubbing Combinations**, several of which are given on this page. These are made up to fit the circumstances of all and if you feel that you must curtail your Christmas expense, **you can make a dollar do more for you here than any other place on earth.**

The Magazines in the combinations below may be sent to one or to several addresses. This makes it possible for you to make as many presents as there are magazines in the clubs you select. Try it and you will be surprised how much you can save on your Christmas expenses. **Christmas Special prices not good after December 31st, 1912.**

Christmas Special No. 1

American Poultry World . . . }
Fruit Grower } **\$1.95**
Woman's Home Companion . . . }
\$3.00 Value for **\$1.95.**

Christmas Special No. 2

American Poultry World . . . }
Woman's Home Companion . . . } **\$2.50**
American Magazine }
\$3.50 Value for **\$2.50.**

Christmas Special No. 3

American Poultry World . . . }
Boys Magazine } **\$1.60**
Modern Priscilla }
\$2.50 Value for **\$1.60.**

Christmas Special No. 4

American Poultry World . . . }
Woman's Home Companion . . . } **\$2.25**
Modern Priscilla }
\$3.00 Value for **\$2.25.**

Christmas Special No. 5

American Poultry World . . . }
Fruit Grower } **\$2.45**
The Housekeeper }
American Magazine }
\$4.50 Value for **\$2.45.**

Christmas Special No. 6

American Poultry World . . . }
Fruit Grower } **\$3.00**
Boys Magazine }
Modern Priscilla }
Women's Home Companion . . . }
\$5.00 Value for **\$3.00.**

Christmas Special No. 7

American Poultry World . . . } **\$1.60**
Garden Magazine }
\$2.00 Value for **\$1.60.**

Christmas Special No. 8

American Poultry World . . . } **\$4.10**
Country Life in America . . . }
\$4.50 Value for **\$4.10.**

Christmas Special No. 9

American Poultry World . . . } **\$2.00**
Mothers Magazine }
Woman's Home Companion . . . }
\$3.00 Value for **\$2.00.**

Christmas Special No. 10

American Poultry World . . . } **\$3.45**
Boys Magazine }
Mothers Magazine }
Modern Priscilla }
Woman's Home Companion . . . }
\$5.00 Value for **\$3.45.**

American Poultry World

With Western Poultry Journal. . \$.60
With The Standard. \$.60
With Reliable Poultry Journal. . \$.60
With American Poultry Advocate . \$.60
With Poultry Keeper. \$.60
With Inland Poultry Journal. . . \$.60
With Northwest Poultry Journal . \$.60
With Poultry Item. \$.60
With Industrious Hen. \$.60
With Rural New Yorker. \$ 1.15
With Orange Judd Farmer. . . . \$ 1.10
With New England Homestead. . \$ 1.10
With Hoard's Dairyman. \$ 1.10
With Farm & Fireside. \$.60
With Kansas Farmer. \$ 1.10
With Market Grower Journal. . \$ 1.10
With Breeders' Gazette. \$ 1.60
With Rural Life. \$.60
With California Cultivator. . . \$ 1.10
With Pigeons \$ 1.10
With Pigeon News. \$ 1.10
With American Bee Journal. . . \$ 1.10
With Boys' World. \$.60
With Designer \$.90
With Delineator \$ 1.55
With Everybody's \$ 1.60
With Ladies' World. \$.60
With McCalls \$.60
With Modern Priscilla. \$ 1.05
With Mothers' Magazine. . . . \$ 1.15
With McClures \$ 1.60
With American \$ 1.60
With Pearsons \$ 1.60
With Pictorial Review. \$ 1.05
With Boys' Magazine. \$ 1.05
With The American Boy. . . . \$ 1.05
With Metropolitan \$ 1.60
With Today's Magazine. \$.60
With Woman's Home Companion 1.60

If you wish AMERICAN POULTRY WORLD and any two magazines in the above list add the price opposite magazines selected and deduct twenty-five cents. Thus if AMERICAN POULTRY WORLD is wanted with McClures and Woman's Home Companion, add \$1.60 plus \$1.60 equals \$3.20 minus 25 equals \$2.95 for the three magazines. If you select A. P. W. and three magazines proceed as above and deduct 50c—for four deduct 75c, etc., etc.

Because of extra cost of postage we cannot accept Christmas Special Prices for Canadian or Foreign subscriptions.

These offers are good until January 1st, 1913, only.

Send all orders to

American Poultry World

158 PEARL ST., BUFFALO, N. Y.

Christmas Special No. 11

American Poultry World . . . } **\$1.00**
Fruit Grower }
Successful Farming }
\$1.75 Value for **\$1.00.**

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American Poultry World . . . } **\$1.50**
Fruit Grower }
Ohio Farmer }
\$2.50 Value for **\$1.50.**

Christmas Special No. 13

American Poultry World . . . } **\$1.85**
Hoard's Dairyman }
Rural New Yorker }
\$2.50 Value for **\$1.85.**

Christmas Special No. 14

American Poultry World . . . } **75c**
Reliable Poultry Journal. . . }
Western Poultry Journal. . . }
\$1.50 Value for **75c.**

Christmas Special No. 15

American Poultry World . . . } **\$1.00**
American Poultry Advocate. . }
Reliable Poultry Journal. . . }
\$1.50 Value for **\$1.00.**

Christmas Special No. 16

American Poultry World . . . } **\$1.25**
The Fruit Grower }
Gleanings in Bee Culture . . . }
\$2.50 Value for **\$1.25.**

Christmas Special No. 17

American Poultry World . . . } **\$1.60**
Fruit Grower }
Successful Farming }
National Squab Magazine . . . }
\$2.75 Value for **\$1.60.**

Christmas Special No. 18

American Poultry World . . . } **\$2.00**
Gleanings in Bee Culture . . . }
National Squab Magazine . . . }
Fruit Grower }
\$3.50 Value for **\$2.00.**

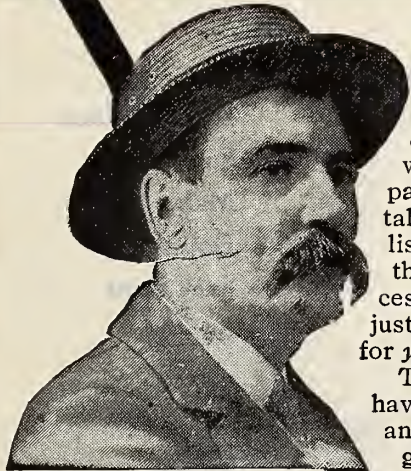
Christmas Special No. 19

American Poultry World . . . } **\$2.95**
The Breeder's Gazette. }
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Rural New Yorker. }
\$4.25 Value for **\$2.95.**

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American Poultry World . . . } **\$1.15**
North-West Poultry Journal . . }
Southern Poultry Journal . . . }
Western Poultry Journal. . . }
\$2.00 Value for **\$1.15.**

WANTED!



WANTED—just the name and address of every man, woman, girl or boy interested in making chicken profits. You and *every body* answering this advertisement will get by return mail, free and post-paid, without obligation, the most talked-about poultry book ever published. It's written by the Johnsons themselves and by their 400,000 successful customers. The new edition is just off the press. A copy is waiting for *your* name and address.

Thousands of men and women who have read this book by the Johnsons and their customers in years past, will be glad to read this announcement—glad because they know how interesting and helpful the Old Trusty books are. Now send *your* name on a postal card. Here's where a *penny* starts you to a *fortune*.



Old Trusty
Still Less Than \$10
Freight Prepaid!

Over 400,000 sold, each making big money for owners, in every civilized country and in every climate. (Johnson hens cackle in every language.) 30 to 90 days *free* trial and 10 year guarantee. Made of California Redwood, metal covered, lined with fire-proof asbestos and absolutely cold-proof. The complete hot-water heating system of heavy pure copper, simplest, self-regulating device known and perfect heating and ventilating features. Johnson's guarantee removes all doubts. Johnson's direct price saves big money at the start. Get the book. Write *now*.



Still less than \$10 for 1913
Freight Paid
(East of Rockies) or allowed that far if you live beyond.

Comes All Ready Set Up Ready To Hatch

Prompt Shipment Guaranteed.
Orders Shipped Same Day Received.

Be Sure To Mail That Coupon to Johnson Clay Center, Neb.

Johnson's 1913 Poultry Book Is Ready—FREE!

It tells how Johnson started with 65c capital and how he built up a business that is the largest of its kind in the world. It shows why some people *make money* raising chickens and why others *fail*. It guards you against mistakes you might otherwise make. It shows hundreds of pictures sent in by hundreds of Old Trusty owners. Every page is a good, sound, simple and sensible poultry sermon that is bound to mean *real money* to you. You will also find plenty of proof that the famous Old Trusty is the greatest artificial hatcher ever made—that no other incubator, at *any* price—can *equal* the Old Trusty for biggest average hatches of strong healthy chicks. The name Johnson means success in chicken raising. Get started with these people *now*. Folks have been good enough to say that this Johnson book is worth a dollar, but it's sent free to all who write a postal, or if most convenient use the coupon here. Get the new 1913 Old Trusty Book no matter what incubator you are now using—no matter what incubator you are planning to buy—no matter what *other* poultry books you may have. Address

Johnson—
Incubator Man
Clay Center,
Neb.

Rush Free Coupon

Johnson—
Incubator Man
Clay Center, Nebraska

Please send me the 1913 Old Trusty Book Free.

NOW!!!

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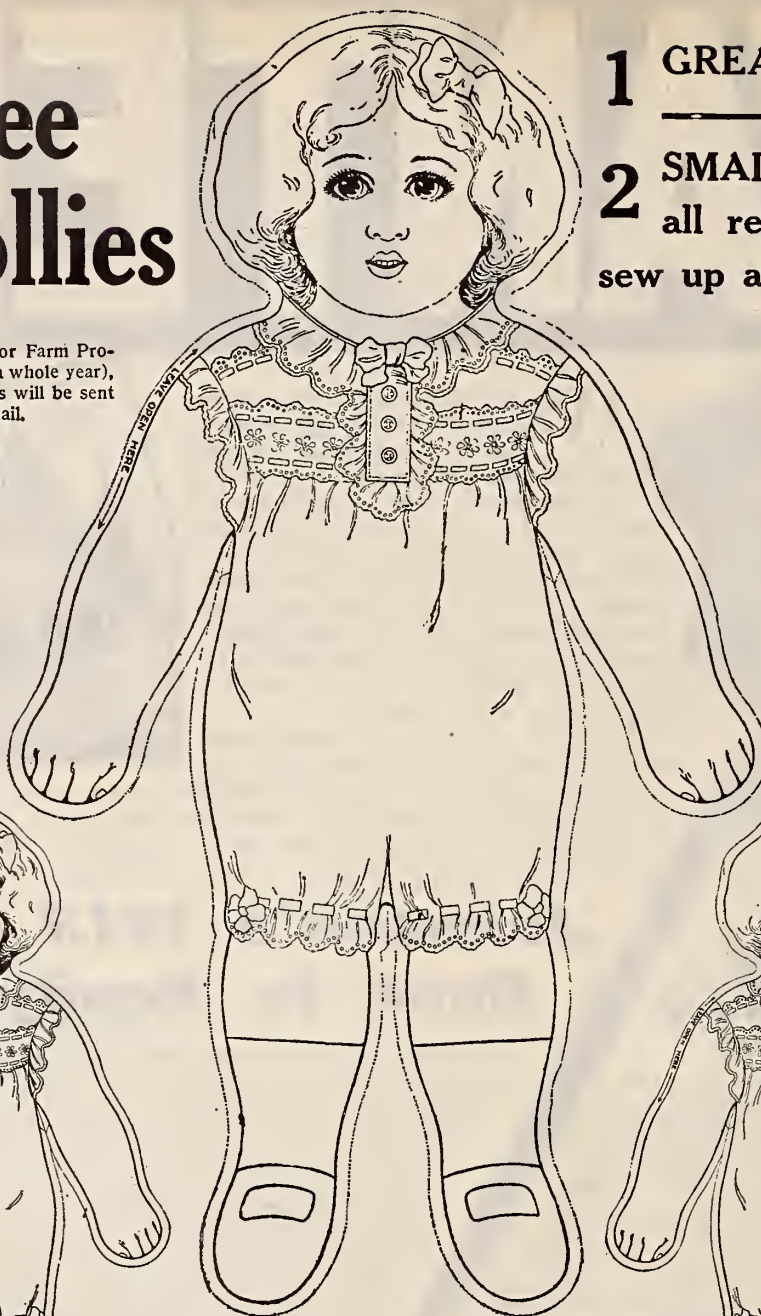
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State..... R. F. D.....

3 Free Dollies

Send us a new subscription for Farm Progress (which is only 25 cents for a whole year), and these three beautiful Dollies will be sent free of all cost to you by return mail.

Every Little Girl and Boy that has seen me likes me awfully well.



- 1 GREAT BIG DOLL ———— and ————
- 2 SMALLER DOLLS all ready to cut out, sew up and stuff.

If You Want Someone to Make You Happy, Just Send for Me.



Actual size of big doll is 27 inches tall. It is so large that baby's own clothes fit it. Its beautiful pink cheeks, golden brown hair, and big bright eyes, its movable limbs bring joy to every child, and the best feature is that it is indestructible.

Besides this big doll there are two smaller ones to be given absolutely free to every member of Farm Progress Family. If you are not a member of the family you ought to be, and all you have to do is send 25 cents for this big paper for one year and get the three dolls free.

These dolls are lithographed in many colors on heavy cloth sheet, and may be filled with either rags, cotton or sawdust.

FARM PROGRESS

fact to everyone engaged in agricultural pursuits. Articles are printed in each issue for practical uses—no theorizing or guessing. Its various departments are edited by men of wide and thorough experience.

is the biggest semi-monthly farm and agricultural paper published in America. It is unquestionably the best and most reliable paper of its kind published anywhere in the country. FARM PROGRESS is of inestimable value to every farmer, truck gardener, beekeeper, hog, sheep cattle or poultry raiser, and in fact to everyone engaged in agricultural pursuits. Special attention is given to answering questions of subscribers through the columns of the paper.

Besides the practical side, there are special features of interest to the housewife, and also a home department, edited by our lady readers. Two valuable prizes are given in our home department twice each month, and all in all, it is a big fascinating paper and will be appreciated by every member of the family.

FARM PROGRESS,

708 Olive Street,

St. Louis, Mo.

FARM PROGRESS,

708 Olive Street, St. Louis, Mo.

Enclosed find 25 cents for a year's subscription and three free dolls.

Name,

P. O. R. F. D.

Box State



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BY AMERICAN POULTRY PUBLISHING CO.

STANDARD BRED S. C. BUFF LEGHORNS

Bred and owned by Monmouth Poultry Farm, J. C. Punderford, Proprietor, Freneau, N. J.
Represents first prize cockerel and two pullets from first prize pen at Madison Square Garden, New York, December, 1911

MANZ COLOR TYPES CHICAGO

SINGLE COMB BUFF LEGHORNS

THE WONDERFUL DEVELOPMENT OF THIS NEW VARIETY OF THE LEGHORN FAMILY DURING THE PAST FIFTEEN YEARS, THE MOST REMARKABLE IN THE ANNALS OF POULTRY CULTURE. BUFF LEGHORNS ORIGINATED IN DENMARK, WERE FIRST EXHIBITED IN ENGLAND IN 1888, AND IMPORTED INTO AMERICA IN 1890. RECOGNIZED TODAY AS ONE OF THE MOST BEAUTIFUL VARIETIES OF POULTRY IN THE POULTRY WORLD. COMPARISON OF OLDER AND NEWER TYPES, SHOW IMPROVEMENT IN LEGHORN TYPE AND IN SOUNDNESS OF COLOR

BY J. COURTNEY PUNDERFORD



MARKED indeed is the wonderful development the Buff Leghorn has undergone during the past fifteen years. I have heard many old fanciers remark that they could not believe that such rapid strides could be accomplished in so short a time. Casually speaking it seems many years, but when we look back and take into consideration the coarse, heavy bodied bird with off colored feathers in many sections and anything but an even shade of Golden Buff throughout, and then turn to the beautiful type of Buff Leghorn being produced today with the soft blending of true golden buff from neck to tail, nice neat comb well set on the head, well up on the legs and in fact rivaling the modern type of White Leghorn in every way, taking these facts into consideration as I have said, we do not exclaim at the length of time taken to perfect these points, but instead wonder that it could have been accomplished in so short a time.

BUFF LEGHORNS ORIGINATED IN DENMARK

It is generally conceded that the Buff Leghorn originated in Denmark, some contending that it is the outcome of different crossings and then from reliable sources we hear that it is a genuine breed. Nevertheless we are certain that Denmark has the honor of first bringing them before the public, being known there as "Yellow Italians." England imported a few, Mrs. Lister Kay being the first fancier to champion them. Breeders did not take kindly to this new importation abroad and it was some time before they were bred to any extent.

The first lot of Buffs were imported into this country by August D. Arnold, in 1890. From then on the Buff Leghorn has grown steadily in favor, although at first it made anything but a stir in the poultry

world. Much white in the tail feathers, off colored flights and heavy slate undercolor did not endear the first lot which was seen in this country. But soon this was corrected and Buff color was produced each succeeding year to marked advantage. That good old fancier, the late C. P. Nettleton, of Shelton, Conn., left some data which states that in 1869 S. C. Buff Leghorns were exhibited by J. G. Moore at New Haven, Conn., and again in 1871 by C. E. Clinton. This seems to discredit the statement in some measure that the first Buffs were seen in this country in 1890.

ONE OF THE MOST BEAUTIFUL FOWLS IN THE POULTRY WORLD

Be it 1869 or 1890, the fact remains that today we have one of the most, if not the most beautiful fowl of the poultry world, a bird perfected in type and color and using the general phrase of many Buff Leghorn cranks, "It is the bird which will lift the mortgage on the farm." A money maker without a doubt, great layers of large pure white eggs (the tinted egg is the thing of the past), light eaters and as hardy as the day is long. For broilers I have yet to see their equal, attaining the squab broiler stage quicker than any variety and dressing with a beautiful yellow lustre to their skin. The meat is very tender and of a fine grain, which is most acceptable to the fastidious New York steward. I have supplied one of the largest New York Hotels for years with their squab broilers and the steward has often complimented me upon the wonderful quality of my production.

OLDER AND NEWER TYPES OF BUFF LEGHORNS

How well I can remember that grand old male bird, Golden Boy 1st, who won



GOLDEN BOY 1st

Single Comb Buff Leghorn cock, winner of first prize at the Madison Square Garden, New York, 1907, and founder of the famous Monmouth Strain of Buff Leghorns, referred to and compared with the winners of today in Mr. Punderford's article beginning on this page.

first cock at Madison Square, New York, 1907. Poor old chap, he died about a month ago and I assure you the farm went into mourning for a full day. Sire of the greatest male birds shown at Madison Square, his blood is now flowing in hundreds of prize winners the country over. Pardon these few remarks about an old friend, but he was that to me and more, as he started my strain of Buff Leghorns and I owe him much. A grand old fellow, yet how different from the male of today, both in type and color. Compare him with the color plate which precedes this article and note first the head points. The blade is too thick on Golden Boy and projects too far over the beak which has a tendency to produce thumb marks. His wattles are too long and length of back is quite short, which lends a compact appearance not at all desirable in the modern Leghorn. He has not quite enough length of shank. The cut will show at a glance the different shades of Buff in hackle and breast, also on thighs. Three shades of Buff at the time this bird was shown was most common with the finest specimens. Now note the color plate. The alert type, neat head points, the long sweep and curve from base of comb to tip of tail, the length of shank and wealth of saddle feathers. Again, the one even shade of golden buff in all sections, no two distinct tones being noticeable. This is the modern type being bred the country over, and do you blame us, you fanciers of the heavier breeds, of being justly proud of our achievement?

The great feature to me is that the breeders of today do not retrograde, but each year some important point is bettered and a more finished type is presented to the poultry fraternity. I remember, as if it were yesterday, going over the classes at the Garden in 1904 and 1905, and wondering if ever the breeder could produce a Buff Leghorn which would show an even shade of buff in all sections.

THE COLOR QUESTION A PROBLEM

The color question is a problem, as no two judges seem to agree as to the correct shade. Some prefer a lighter shade than others and some darker. I am not an advocate of the light buff nor of the extreme dark, bordering on the Rhode Island Red, but there is a happy medium which I believe if more judges adhered to and stuck to it while judging a large class, and did not jump from dark to light, greater satisfaction would exist at most of our shows. A judge should have firmly fixed in his eye the shade of buff which in his estimation is correct and go through his class awarding, as near as possible, birds which display this shade, never forgetting type.

The breeder and fancier should likewise bear this firmly in mind. Select your chosen shade of buff and breed to it, never mating extremes, for mealiness and shafting would be the result. I strongly believe that too much stress is laid upon under color. I for one do not wish extremely strong under color in my male, and certainly not in my females. I am a crank on quill, that is, I want my breeders to show a buff quill practically up to the hilt, shading slightly as it nears the body. With this great asset in your breeders and soft under coloring, better surface color will always be produced. Some matings I have culled down as low as three females and one male, simply because I could not get every section, both in male and females, to exactly harmonize. By all means have a small mating like this, every bird possessing standard requirements, than a pen of fifteen females and male, many specimens being off either in type or color. Forward is the slogan of the Buff Leghorn breeder of today, better color and better type as each year rolls around, and we are indeed living up to our battle cry.

ORIGIN OF THE BUFF LEGHORN

AUTHENTIC REPORT BY THE ORIGINATOR, J. PEDERSON-BJERGAARD, COPENHAGEN, DENMARK

The beautiful color plate of Buff Leghorns appearing in this issue of AMERICAN POULTRY WORLD, was reproduced from an oil painting by Artist Schilling, who took for his models the winning cockerel and pullets at Madison Square Garden in 1911. These magnificent birds were bred by James Courtney Punderford at Monmouth Poultry Farms, Freneau, New Jersey. Not only do these birds excel in color, but they are up to the highest ideal in Standard shape, in fact, we like the outlines of the male and the pullet on the far right better than we do those found in the standard models. They are the personification of grace and show the active, sprightly type of the Leghorn fowl most effectively.

The wonderful improvement made in the Buff Leghorn fowl, both in color and shape, in the past five years is due to the intelligence and perseverance of breeders of the Punderford stamp, men who are never satisfied unless they can produce better birds each succeeding year. As an exhibition and egg laying variety, the Buff Leghorns rank second only to the ever popular White Leghorns, but this refers only to the number bred and not to the intrinsic value of the Buff Leghorn itself, as the latter is fully equal, if not superior, to that of the White variety.

The Buff Leghorn originated in Denmark over twenty-five years ago and the following history of the originator, J. Pedersen-Bjergaard, written at our request, received several months ago, will be found authentic as well as interesting:

"Buff Leghorns or, as we in the Scandinavian countries and in Germany call them, Yellow Italians, had sporadically appeared here in Denmark some time before the International Poultry Show in Copenhagen, in 1885, where two pens were shown, but of a very poor color and quality throughout.

"Once in a while single birds of a very yellowish color could, at the time stated, be met with among ordinary farm poultry and poultry of a more or less mongrel description. How they originated is a mystery, but my opinion is that they were a result of accident and unplanned crosses between Brown and White Leghorns.

"While I felt myself personally repulsed at the rude and mongrel appearance of the Yellow Italians, as they presented themselves in Denmark, about 1885, my fancier's eye pictured to me the attractiveness and beauty that a

real buff color, combined with genuine Leghorn type would be. The idea took strongly and irresistibly hold of my mind, and I set about searching the land, endeavoring to obtain and select from the best material that could be found. I put several detectives to work, and whenever in traveling I passed a flock of fowls at a farm yard or a small-holder's cottage, and espied an individual with something yellow about it, I stopped, if possible, for making closer observations and trying to strike a bargain. I had a goodly number of generally mediocre hens of Leghorn extraction sent to me, from which, early in the Spring of 1888, I selected a very few for experimental breeding, but not a single in the least promising male bird could be found. I had to choose between a cockerel with approximately purple top-color and white wings and tail, and a very pale, nearly a sun-burnt white, cock bird. I chose the latter to match with my best hens and raised a great number of chickens, the greater part of which were almost pure white. A few of the pullets were, however, promising, and among these was my cherished pet, the lovely specimen which I exhibited at the Crystal Palace show in London, England, in 1888, and which was claimed by Mr. L. C. Verrey, who has given the following description of this epoch-making first Buff Leghorn pullet in Lewis Wright's illustrated Book of Poultry: 'It was in 1888 that the first Buff Leghorn was seen in England, and this was a hen exhibited by an enterprising Danish fancier at the Crystal Palace show. The bird was full of true Leghorn characteristics and of a very nice, even lemon buff color.'

"It may safely be asserted that from this initial dawning of the development of modern buff color in poultry evolved the idea of the formation of such different buff breeds as: the Wyandotte, the Orpington and the Plymouth Rock.

"About the time of the Crystal Palace show in 1888, where the modern Buff breeds of poultry may be said to have had their ideal birth, I retired from practical breeding operations, finding myself so strongly engaged with literary and later on editorial work. After my withdrawal there was no fancier in Denmark to step into my footsteps for further development of the Buff Leghorns in this country, and the breed has practically been stagnating in its native land, so to speak. The traces of good birds of this breed and other modern buff breeds we have at the present day have come to us as a reflux from America and Great Britain, occasionally via Germany.

As a consequence of the course of development the Buff Leghorns have at present a comparatively narrow scope in Denmark, and can not compete with several other breeds of Leghorns, especially the brown variety, which is extensively kept in this country."

HEREDITY IN BREEDING WHITE WYANDOTTES

BIRDS AND ANIMALS IN NATURE BREED BY NATURAL SELECTION. IN ALL LINE BREEDING NATURE'S LAW OF THE SURVIVAL OF THE FITTEST SHOULD EVER BE PRESENT IN THE POULTRY FANCIER'S MIND. BEST TEST OF VIGOR FOUND IN EARLY HATCHES. COLOR OF WHITE WYANDOTTES A MATTER OF HEREDITY. UTILITARIAN QUALITIES ALSO DEPENDENT ON THE SAME LAW. DOCILITY AN OUTSTANDING CHARACTERISTIC OF WHITE WYANDOTTES

BY JOHN S. MARTIN



THE fundamental law underlying all breeding operations is the law of heredity, which means the tendency of the offspring to resemble its parents in all important characteristics. Thus the chicks of a certain breed or variety will resemble their parents by having the unmistakable breed qualities, but at the same time they will differ from their parents in many minute details.

In the human race there are no two people exactly alike and in the fowl kingdom there are no two birds identically the same in appearance. This power of the parent to produce offspring slightly different from itself opens up the immense possibilities of breeding. The law is often stated as "like begets like" which is absolutely true and applies even to defects in the parents.

Thus a certain bird is influenced not only by its parents, but by many previous generations, and this is why line breeding is practiced so much. The bird partakes not only of the good qualities of its ancestors, but also of their defects. There is always a strong ever-present tendency to revert to former types. Therefore, if the number of immediate ancestors can be reduced in number there is less likelihood of defects cropping out.

BIRDS IN NATURE BREED BY NATURAL SELECTION

Among the birds and animals in a natural state, breeding is carried on by natural selection. The most perfect specimens are usually the most vigorous and it is by these that the race is perpetuated. The flock is not affected to any great extent by the weak, deformed specimens as they are crowded to the background.

Does this not teach the lesson that the first and most important of all requisites in breeding is vigor. The breeder by selecting and mating certain specimens takes the place of nature. Therefore, it behooves him to work in harmony with nature. By this I mean that none but the most vigorous specimens should be used in breeding. I have seen fancier after fancier have most phenomenal success for a few years and then their flock would go all to pieces and they would come up against an unsurpassable barrier, bearing the inscription, "you may go no further."

SURVIVAL OF THE FITTEST IS NATURE'S LAW

In all line breeding there should be ever present in the fancier's mind, Nature's law "the survival of the fittest." This should be a warning where he is tempted to use a weak delicate specimen simply because it excels in shape and color or in some other fine point.

Some years ago wishing a little new blood, I bought a trio of birds from a breeder who, in a few years, had become very famous in the show room. I had heard that he practiced line breeding very closely, but I was not prepared for the actual results I got. At first I tried breeding the trio as it was mated, but could get no fertile eggs. I then tried one of my most vigorous males on the two females and again no fertile eggs. I tried two other males, but with no results. The male bird of the trio was a cockerel, apparently a fine healthy bird, so I tried breeding him to several of my own females, but found that he was absolutely sterile, as were also the two females. This was line breeding with a vengeance,—I might say that this breeder soon got to the end of his string. He tried introducing new blood and finding that this did not work he sold out his whole flock and quit breeding.

In erecting a large building, the most important essential is to have a solid foundation so that story after story can be added with perfect safety. In producing a strain of fowls you must begin with the foundation stock of the utmost vigor and vitality. Then you can, with each succeeding generation add detail after detail of the finer standard requirements and you will have the satisfaction

of knowing that what you acquire you will retain. Your structure is built of a foundation of rock not of sand.

BEST TEST OF VIGOR IS THE EARLY HATCH

One of the best tests of vigor is the early hatch. I would not give a fig for a strain that would not produce fertile eggs and strong vigorous chicks in January and February. I have long been of the opinion, however, that heredity plays an important part in the fertility of the egg. We will suppose that you have used half a dozen male birds in as many different pens and one of these male birds gave much higher fertility than the others right through the season, the sons of this bird are very much more likely to continue this high fertility than are the sons of the other birds. In my own experience it is the bird that gives the high fertility from January to June that I prize, providing of course, that he has the standard requirements you wish to reproduce. Does it not stand to reason that a male bird that can fertilize fifteen eggs out of fifteen is more likely to stamp his color and shape on his chicks than a male of low fertility.

During the years that I have been breeding White Wyandottes I have kept my male line unbroken and any new blood I have added has been through the female side.

(Continued on page 121)



BLACK MINORCA COCK.

A typical Minorca male in size and shape with strong head points and well-carried tail. Sound in color of surface plumage as well as in under color. This fine specimen is an excellent model of what a high class Minorca should be.

EXHIBITORS AND JUDGES

POULTRY SHOWS OF AMERICA NOT DOMINATED OR INFLUENCED BY BIG EXHIBITORS. MODERN SYSTEM OF JUDGING AND EXCLUSION OF EXHIBITORS FROM AISLES CONDUCIVE TO IMPARTIAL DECISIONS. FANCIERS, COMMERCIAL POULTRYMEN AND DEALERS REPRESENT THREE DISTINCT CLASSES OF EXHIBITORS. BREEDERS MUST SHOW TO LEARN HOW TO WIN. POULTRY FANCIERS GOOD SPORTSMEN AS A RULE. QUICK JUDGMENT AND FIRST IMPRESSIONS VALUABLE ASSETS IN JUDGING POULTRY. DECLINE OF THE ALL AROUND JUDGE

BY J. H. DREVENSTEDT



THE two opposing forces in the show room are the exhibitors and the judges. The former send their birds and expect to win with them; the latter look the birds over and either award them the coveted prizes or pass them by. It is the opinion of the few against the opinion of the many. That this unequal contest should result in differences of opinion and at times create criticism—deserved or unjust—of the judges' work, is natural especially when ownership of the birds is apt to bias our judgment. The judge having no proprietorship or interest in the exhibits is, or should be, in a position to give an unbiased judgment at all times.

If he does his work conscientiously and fearlessly, and "knows his book", he will give general satisfaction and command respect, even if he does slip up occasionally on a very close decision. In our experience in the show room as a judge and exhibitor since 1883, we have met thousands of exhibitors and hundreds of judges and have arrived at the conclusion that, as a rule, no fairer class of exhibitors and more competent judges exist than those found in the American poultry fancy.

PROMINENT EXHIBITORS INFLUENCE LIVE STOCK JUDGING

We judged cattle before we placed ribbons on chickens, and have had abundant opportunities to study the methods of exhibitors in the cattle ring and observe the work of the judges. In several instances, the exhibitor who led the animal into the ring won the blue rosette. It was open judging, but the powerful hand that held the end of the bull-pole overawed the judges, and the small exhibitor was the loser thereby. As one noted cattle exhibitor remarked to us: "We big fellows must win." That was nearly thirty years ago, but it made a very deep impression on our minds at the time, so that we carefully observed the work of judges in the cattle ring for several years after that, and found in a number of instances, that the big fellows got the plums, while the little ones took the rest. The "Committee of three" judges were responsible for this, as whenever three men judge, two say "Amen" to the other one, as a rule. There was no bribery, no real crookedness in this method of awarding prizes, it was either a desire to please or fear of the big exhibitors that influenced the judges in making their decisions.

We have attended many dog shows in the past and were connected with a prominent kennel publication, several years, so our opportunities for sizing up dog judging were many. We know of no other branch of the live stock industry where so much bitter criticism or so many charges of favoritism against judges has been indulged in than in the dog fancy. Judges have been accused of awarding prizes, not to the dog, but to the handler who held the leash in the ring. No doubt much of this criticism is unjust, and the charges of crookedness are false, but they have existed and will exist as long as kennel shows prosper. The big kennel overshadows the little one in the judges' ring, so that it will require a judge possessing a steel nerve and of irreproachable character to place the ribbons where they belong. It must also be borne in mind that the exhibitor often sees no fault in his own, but discovers many faults in his competitor's dog, so that the judge's lot is a hard one at the best.

POULTRY SHOWS NOT DOMINATED BY BIG EXHIBITORS

We are of the opinion that no such conditions, illustrated in the above paragraphs, as are met with in cattle and dog shows, will be found at our poultry exhibitions, except in very rare instances. The entire system of poultry judging is different from that in vogue at kennel, horse and cattle shows. There is no open judging, i. e., no exhibitors are present to handle their birds in the presence of the judge, when he is making his awards. The judges work by a card or book containing the numbers of the exhibits only, and in many instances, work alone in the aisles entirely ignorant of who the owners of the specimens they handle are. This is as it should be. All the troubles in the past, arising over awards made by poultry judges, were caused by some weak kneed, adjudicator, who was afraid to turn a big exhibitor down, so had to hunt up the numbers in a catalog before he made his awards. That is chiefly the reason why some judges are no longer placing ribbons at several leading shows.

The relations between exhibitors and judges should be cordial and friendly always. Nothing in the world does an exhibitor more good or adds to a judge's popularity than to talk over the classes the one is interested in and the other has passed on, after the awards are made. Right here let us say, that some of the most pleasant



BARRED PLYMOUTH ROCK PULLET.

To win the blue ribbon in the Barred Plymouth Rock classes at the Madison Square Garden requires a bird of surpassing excellence in color markings. Such a specimen is the beautiful pullet portrayed above. In brightness of surface color, regular and well defined barring in all sections of the plumage, this bird excelled her rivals.

moments we ever spent in a show room were after the judging was over and some enthusiastic amateur fancier, who made his first win in fast company, button holed us for information regarding his birds. It is a treat to talk to such beginners and it is a tremendous satisfaction to award a prize to a specimen bred by them. Even the big exhibitors to whom winning prizes at our leading shows is a most vital object, will take off their hat to the amateur fancier or farmer who can beat them with a better bird. It is this spirit of fairness and exhibition of true sportsmanship that makes our poultry shows what they are—the best of their kind in the world. The big exhibitor who wants to “hog” it and can not tolerate another—especially a green one—exhibitor winning over him, may occasionally appear in the show room, but his reign is short lived, as a rule.

COMMERCIAL, FANCIER AND DEALER EXHIBITORS

In the show room, however, we find all kinds of exhibitors, men and women of education and intelligence, rough and ready fellows who know how to breed fine chickens better than they know how to spell correctly, managers of large poultry plants who must “make good” in the show room, and last but not least, the fellow who has “better” birds at home.

Exhibitors can be divided into three classes, viz: 1—Those who breed and exhibit birds for pleasure and recreation, these are fanciers pure and simple and their name is legion. 2—The commercial poultryman, who breeds for revenue only, and depends on his winnings at the shows to sell his stock and eggs. Such men, however, are usually very good fanciers at heart, at least all the successful ones are such. 3—The dealer who is a man without any particular love for his birds, caring only for the money they bring into his pockets. They seldom breed the birds they exhibit, preferring to buy and sell. In this class will be found some of the so-called “hucksters” that make the rounds of county and fall fairs.

BREEDERS MUST SHOW TO LEARN HOW TO WIN

But no matter what class a poultry breeder belongs to, he must show his birds in order to learn how to win.

This reminds us of an old Barred Plymouth Rock exhibitor, who went year after year to the Madison Square

Garden show with a string of birds, but failed to capture the coveted blue ribbon. Nothing daunted he came back each year, observing closely what style of birds were winning and finally made his sensational win with “Fluffy Ruffles,” the most remarkable Plymouth Rock hen of her day. This exhibitor was “Charlie” Welles, and well do we recollect his remark when defeated, “I’ll be back next year with better ones.” It was a good object lesson to others, less philosophically inclined, and lacking in that fine asset “gameness.”

In that same Rock alley at New York—and it was and always will be a hot one—such veteran fanciers as A. C. Hawkins, E. B. Thompson, William Ellery Bright exhibit that same quality of gameness, they come back year after year with “better ones” and every well posted Barred Plymouth Rock fancier who attends the Madison Square Garden show knows that the sportsmanship of these veteran breeders is put to a severe test each year.

What goes on in the Rock alley will find its parallel in all other alleys at the New York show and will also be found at all other shows in the country.

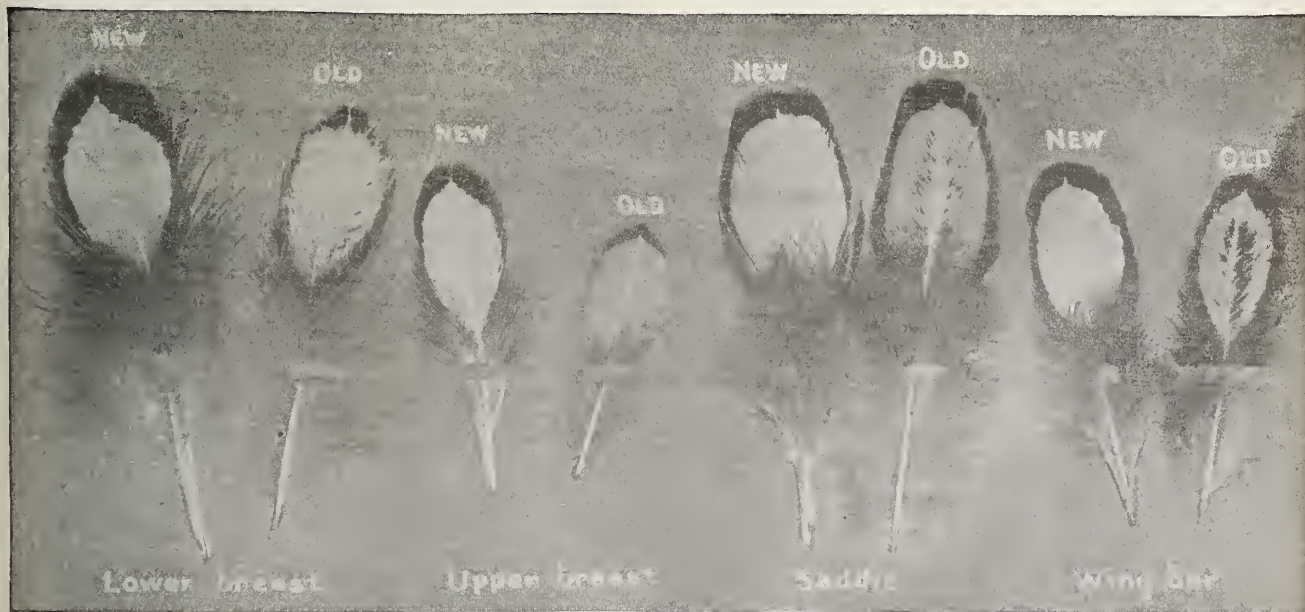
POULTRY FANCIERS GOOD SPORTSMEN

The real poultry fancier, whether a large commercial breeder and exhibitor or a small one who exhibits for the honors only, knows when he is beaten fairly, and governs himself accordingly. He may ask for information regarding the respective merits of his birds and those of his competitors, and no judge will deny him this privilege or fail to answer all reasonable questions put to him.

The least trouble in the show room is with this class of exhibitors, men who know a good bird when they see one, and who respect a judge's decision when honestly and carefully made. Of course, there are others who do not always take defeat so gracefully, so we can safely divide exhibitors into two species, viz:

1.—Good winners; 2—Good losers. Judges will find species number one very good fellows as a rule, when they win, but often very bad ones when they lose. Species number two are the real good fellows, whether they win or lose. Oliver Wendell Holmes must have had them in mind when he wrote:

(Continued on page 123)



FREAK MOULTING OF A SILVER WYANDOTTE HEN.

Silver Wyandottes that have clear white centers as pullets often moult into hens having mossy or peppered centers in their feathers. But to have a hen shed a coat of mossy centered white feathers and assume a new garment of clean white centered ones is a freak of nature. Several years ago such a freak appeared among the Silver Wyandottes in J. C. Jodrey's yards. The feathers illustrated above show the new and the old ones, to which Mr. Jodrey refers as follows: "Regarding the hen from which I sent you feathers, there is not much of interest that I can send. She was fine as a pullet and well laced in all sections. The thigh and hock lacing was unusually good and over the vent the centers are large. She came from a good line and is closely related to a fine hen exhibited at New York and Boston in 1903 and 1909. I expected to have shown her at Boston 1910, but as I said previously, at the last she peppered on the back, so I left her at home. While raising a brood of late chicks she moulted from the nice sound laced pullet that she was to a hen that looked like 30 cents, with no lacing on breast and all sections badly mossed. She soon went to laying, which went to show that she was in good condition. Had she not gone to laying with eggs at 40 cents it is probable she would have been dressed for the market, but that saved her neck and now that she has moulted a second time and is her former self, even better than as a pullet excepting that she has lost a little on breast. Have seen Silvers do remarkable stunts, but this one has beaten all previous records. Have owned hens that moulted poor for two or three years and then came out as clear as a fine pullet. Also one that moulted fine, a very ordinary pullet, to a hen whose equal I have yet to see."

SHORT ARTICLES OF TIMELY INTEREST

THE VALUE OF SPROUTED OATS AS A POULTRY FOOD—AMOUNT TO BE FED VARIES WITH CONDITIONS. BEST METHODS TO FOLLOW. HOW TO SECURE EGGS IN WINTER. SOME FACTS LEARNED FROM EXPERIENCE. SIMPLE DIRECTIONS FOR WASHING WHITE BIRDS. GREEN CUT BONE ONE OF THE BEST EGG PRODUCERS. INEXPENSIVE AND EASILY PREPARED. THE AUTOMATIC HOPPER; ITS USES. THE SELECTION AND PREPARATION OF BUFF WYANDOTTES FOR EXHIBITION

BY EXPERIENCED BREEDERS

EDITOR'S NOTE:—The first installment of these interesting short articles was published in the November issue. A variety of practical subjects were covered by breeders who wrote from practical experience. In this month's installment we have endeavored to present subjects that are especially interesting at this season, and we trust that our readers will find much of value that will assist them in their daily work with their poultry and will eventually be the means of adding to their success.

SPROUTED OATS AS A POULTRY FOOD

VALUABLE AS AN EGG PRODUCER, ALSO MAKE A DESIRABLE FOOD FOR YOUNG AND GROWING CHICKS. AMOUNT OF FEED INCREASED WITHOUT INCREASE IN COST

W. H. Monroe, Colfax, Iowa.

No one article of poultry food has received so much attention the past two years as has sprouted oats. While the germinating grains are new to most people as a feed for poultry, yet their worth and potency in egg production have been well known for years by the operators of the most successful egg farms. The poultryman who depends upon eggs, and especially so in the winter time, relies as much on his sprouted oats as the dairyman does on his silo. The egg farmer has the advantage, however, over the dairyman in that he feeds his hens the living, growing green feed, while the dairyman must resort to cured or preserved stuff.

An examination of poultry journals, published three to six years ago, will reveal advertisements of excellent egg feeds at ten to fifteen cents a bushel, the secret of which would be divulged upon a receipt of \$1.00. The money brought forth the information that a thirty-cent bushel of oats sprouted and grown to two to four bushels made not only an inexpensive but really a good egg producing food. But a good thing cannot long remain a secret. The poultry journals took up the matter of the sprouted grains and the knowledge of their worth and efficiency soon become public property.

While any of the grains make excellent feed in their various stages of germination, yet oats have held first place. For young chicks, the writer advises wheat or rye, because of the lack of hull, for it must be understood that the sprouted grains are a highly stimulating food for growth of young stock. But oats have held first place for matured stock not only because of the food elements of

the kernel and the sprout, but because the hull holds moisture well and thus makes the sprouting by artificial means more easy than wheat or rye. But with the commercial sprouter, wheat and rye are as easily and readily sprouted as the grains with a hull.

The value of the germinating grains is many fold. A complete treatise on the same would involve a discussion of food, stimulants and medicine. But briefly stated, it is a partly predigested and consequently easily assimilated food. It serves also as a regulator and a stimulant of the whole digestive tract. Its stimulating effects, however, seem to pervade all the bodily functions, conducting to large egg yields in the adults and rapid, healthy growth in the youngsters. A further value consists not only in a bulky green feed, but in an actually increased amount of feed without a corresponding increase in cost. About there being an increased amount of feed when a bushel has been sprouted and grown into two or more, there has been some question. But when it is considered how much moisture is required to grow a sprout three or four inches long and when it is known that the moisture actually enters into the growth of the plant, then there is no further doubt but that the fellows who sold for \$1 the secret how to make the most excellent egg producing feed at ten cents a bushel, were not taking any chances with the postal authorities. Through the agency of heat, an oat plant with no other food than water may be grown to a length of six to nine inches, in a well known oat sprouter now before the public. Hence, sprouted oats actually increase the amount of feed without a corresponding increase of cost.

How much feed and at what stage of growth of the plant depend upon several conditions. No rule can be made that is general. If in the summer time the fowls have access to green feed or if in the winter they have alfalfa, beets, cabbage, etc., it is better to feed when the oat sprouts are from a half inch to an inch and a half long. But should the fowls have no form of green feed, then use the oats from three to six inches in length. The longer the sprout



In the above illustration may be seen a portion of the cockerel and colony houses at the Aldrich Poultry Farm, Columbus, Ohio. The advantages of the colony house system of growing young stock is fully appreciated by every practical poultry raiser, as it has been demonstrated that this method produces birds that excel in health and vigor and is a material aid to quick maturity.

the more bulky green stuff and the less concentrated food, while the short sprout has much predigested food.

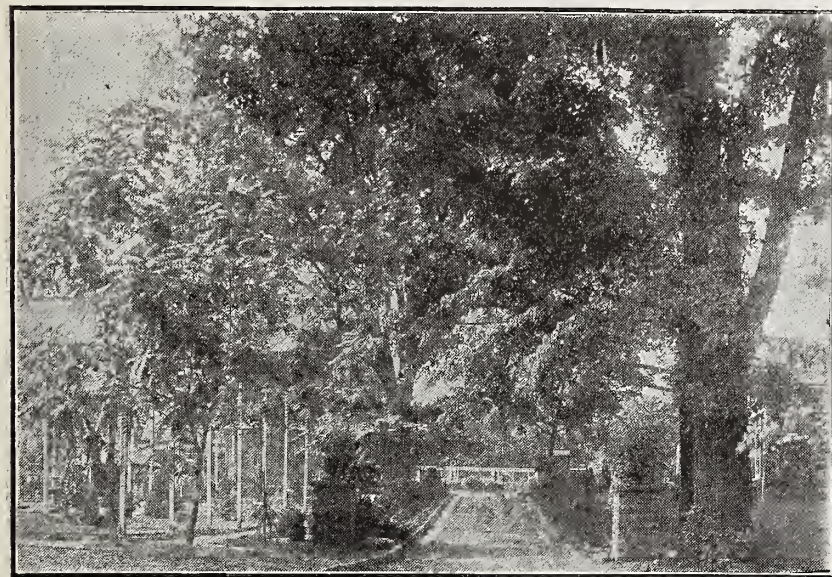
The amount that should be fed varies of course with other conditions, but the rule given by two experiment

It is a good plan to raise 25 per cent. more pullets than you need, then about October 1st pick out the ones that show they are maturing, the ones that show red combs about $\frac{1}{4}$ to $\frac{1}{2}$ inch, if you have Leghorns, these pullets will be more apt to lay in November and December. I never consider it hard to get eggs in January, it seems they come along naturally at that time. Be satisfied with 15 to 20 per cent. production in November, 10 per cent. more in December, January will take care of itself if you have done your share. Twelve hundred hens laying 15 to 20 dozen eggs in November at present day prices are making a good profit. I dare say 30 per cent. of poultrymen do not secure as good a lay as above, if they did eggs would not bring as much. You will need pullets to get 15 to 20 per cent. lay in November. My experience with hens is that they do not produce very well during these months. You can improve your lay with hens by sorting out the ones that are into the moult by the middle of September.

In regard to feeding for eggs there are no fast rules. I have secured about the same production from several different rations, try the experimental station's mixtures for growing birds and feeding for eggs, most any of them will be all right, use good judgment, your conditions may differ from mine, some things I need you may not. This time of year I feed more meat than at any

other time, sometimes nearly 20 per cent. of dry mash, I keep watch that this does not effect the bowels, toward first of January I reduce meat to 10 per cent. The past year I fed 5 per cent. meat to 400 birds in one house and secured just as many eggs as I did from birds in other houses which were getting twice as much meat, but I think 10 per cent. about the proper amount to feed. Give green cut bone two or three times a week if you can furnish it, the fresh meat they like and it is a fine thing for them. Also give plenty of the different kinds of green foods, as the succulent part of the ration is as necessary as the grain.

(Continued on page 149)



Entrance to the plant of Wm. Cook & Sons, Scotch Plains, N. J. This is one of the most picturesque spots in the state, and is visited by thousands of people annually, who are attracted by the poultry and the large collection of native and foreign wild animals and birds.

stations is a good one for the beginner, but he may change later to suit his special requirements. This rule is to feed each day to each adult fowl one cubic inch on the dry measure basis. This, of course, grown till the sprouts are two to six inches in length gives two to four cubic inches of actual green stuff. Some poultrymen feed much more heavily than the state experiment stations advise, making a large part of the ration the sprouted oats, but care must be taken not to over feed at first. The best plan is to begin very lightly and gradually increase the amount, watching the results.

HOW TO SECURE EGGS IN WINTER SOME LESSONS LEARNED FROM EXPERIENCE. NO FAST RULES FOR FEEDING. COMMON SENSE MOST NEEDED

LeRoy Sands, Hawley, Pa.

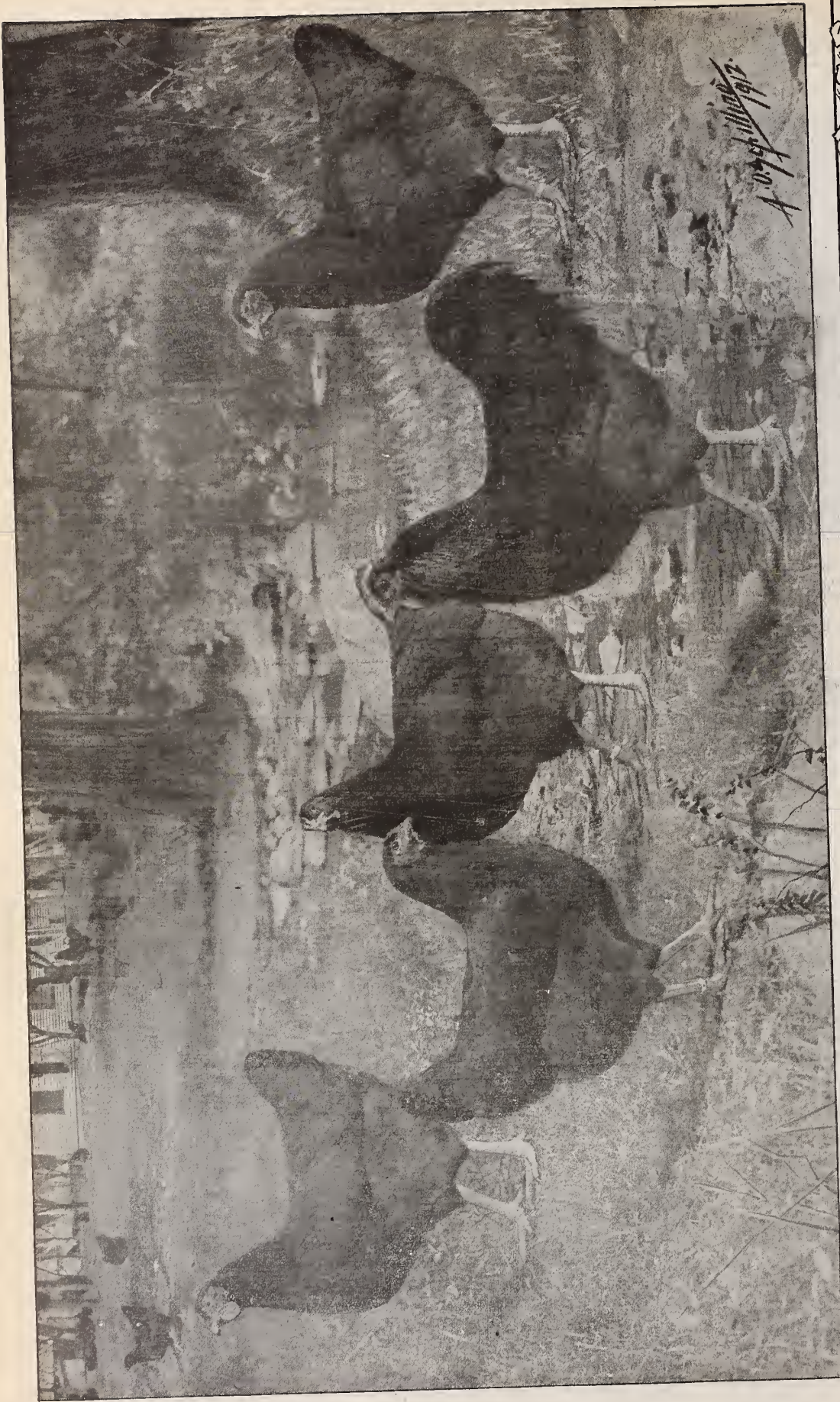
Often people writing about winter egg production tell their readers that it is an easy problem to secure 40 per cent. production by having good breeders, good care, etc.; true this has a natural bearing but with good care, the best breeders and best conditions, possible sometimes the eggs don't come. Another thing, do you know what is a good yield for November and December? Certainly we cannot expect such a yield this time of the year as in the natural laying season. The weather at this season has a great deal to do with it, fine, clear days will often start the birds laying.

My experience with Leghorns has been to hatch them in April and the forepart of May, do not force them but keep them growing steadily, feed bone and muscle making foods, give free range if possible and let them come into laying at about six months of age. There will be some to start earlier than six months but more to start a little later, it will not hurt them a bit, nor your egg yield for the winter will not suffer any, in fact, will average up better, for these birds should be finely developed and able to stand richer food with which to make plenty of eggs.



SPECIAL MATED PEN
CRYSTAL WHITE ORPINGTONS
TO PRODUCE EARLY LAYING AND MATURING PULLETS

One of the famous Kellerstrass Farm White Orpington pens selected to produce practical results. The well developed utility type is a striking feature in the females illustrated above.



FIRST PRIZE PEN ROSE COMB R.I. REDS, MADISON SQUARE GARDEN DEC. 1911.

BRED AND OWNED BY
OWEN FARMS VINEYARD HAVEN MASS..



A grand pen of Rhode Island Reds, the male and females combining in a rare degree, rich even surface color with the horizontal shaped bodies, characteristic of Standard Reds. In evenness of type and soundness of color, the cockerel and pullets in this pen were almost ideal, exhibiting most strikingly the wonderful advance made in the past ten years breeding Rhode Island Reds to correct Standard color and shape.

CORNISH—THEIR VALUE FOR MEAT AND EGGS

MERITS OF A GRAND OLD BREED CLEARLY PRESENTED BY AN EXPERT BREEDER. FIGURES COMPILED BY STATE EXPERIMENT STATION PROVE CORNISH HENS TO BE REMARKABLE LAYERS. AS TABLE FOWLS THEY HAVE FEW EQUALS, THE CARCASSES BEING PLUMP, COMPACT, WITH THICK THIGHS AND ROUND DEEP BREAST. CORNISH MATURE VERY EARLY, PUTTING ON WEIGHT MORE RAPIDLY ON SMALLER RATIONS OF FEED THAN ANY OTHER BREED

BY JOHN W. WARD, JR.



THE value of the Cornish fowl of today is certainly not realized, not at all appreciated, or given the great consideration that this variety of poultry should have. When the large poultry plant, feeding the people direct, or through a commission merchant, the fancier who, no matter how high, or to what ideals he breeds, will always have a large amount of culls to market, and who like the rest of us wants a fowl that will lay a goodly number of eggs, or back-yard poultrymen who desire to supply their tables with both chickens and eggs, go hunting for a fowl that will serve both the "block" and the egg basket.

This is a long preface, but I want to impress upon the readers of this article that in Cornish, no matter whether it be the Dark, the White, or the White Laced Red variety of this noble breed, we have a fowl that will lay a goodly number of eggs as I will show you in this article, not by fairy tales, but by figures, not by back-yard stories, compiled while sitting on a soap box Sunday morning, but by figures compiled by a state experiment station and a leading Eastern daily, and also that will grace any table when nicely cooked and placed thereon. Now first for their value as a meat breed and then for the egg question.

WITHOUT A PEER AS TABLE FOWL

As a table fowl Cornish are absolutely without a peer, the Dark Cornish possibly being the best of the three varieties of the breed, for the simple reason that they have been bred longer, with more care, and have the largest carcass. This article is not intended for an article made up of quotations, but it might be well to quote right here from several leading poultry authorities, breeders, etc., in order that my own words will not get stale, and I will not have the readers of this article pointing their fingers at me as a fancier "dyed to the bone in Dark Cornish Ranks," as one recent leading journal said of me, and prejudiced as a fancier of this breed against all others.

Prof. Frederic H. Stoneburn, a gentleman who I do not need to introduce, in an article published in the Buffalo Courier on Sunday, October 6th, says, "As table fowls, the Cornish has few equals, plump, compact, with thick thighs and round, deep breast, they make *ideal* carcasses." Certainly a strong, open and above board statement from one of the highest authorities on poultry in the country. William J. Caines, proprietor "Oak Hill" Poultry Yards, South Richmond, Va., says in a recent article, "They are among the largest breeds, and their size, together with the quality of their flesh, declare them the best table fowl on earth." Surely a hot shot at some of the "feather bed varieties" from out of the heart of the South. Mr. Courtland H. Smith of Warrenton, Va., in an article on "Cornish as Utility and Fancy Fowl," writes, "The young mature very early and put on weight more rapidly than any breed in existence on a smaller ration of feed and always command the largest market prices for dressed poultry on account of their plump bodies, large breasts, thighs and fat backs.



CORNISH COCK.

The Cornish cock, illustrated above, shows in a rare degree the great breadth of body and shoulders, immense thighs and generous breast development characteristic only of the Cornish fowl.

When caponized they will weigh from eleven to thirteen pounds and equal turkeys in flavor." Let me add that I have visited this gentleman's plant and his statements are not fancies, but facts. I have seen his statements proven not in abstract forms, but in the concrete. I again make the statement, Cornish are the ideal table fowl. I have given you facts from pens backed by "gray matter" to prove this statement. So much for Cornish meat.

CORNISH IN THE EGG LAYING COMPETITION AT STORRS'

One year ago, while attending the Great Hagerstown Fair at Hagerstown, Md., I was induced to enter a pen of Dark Cornish in the first egg laying contest at Storrs Point, Conn., now drawing rapidly to a close. I must confess I was decidedly skeptical at first concerning the outcome of the experiment, for the simple reason that I did not have any pullets to spare, and had to come home, grab up four hens that were then one year and a half old, the other one, making the five, being two years old, and ship them up to Storrs to enter an egg competition that would hold the attention of the poultry world. I have friends who have trap-nested Cornish with good results, but I have never done so and though always getting satisfactory results in egg production, did not know except in a general way, anything of the egg laying qualities of these five birds. One of the birds started laying the third week, and was closely followed by the others. Up to the time of the writing of this article, at the close of the forty-seventh

week, these five birds have produced nearly 600 eggs, missing but two weeks all during that time without egg production, through one of the coldest winters the East has ever known. One week, during the dead of winter, these birds lead the competition with 30 eggs in 7 days from 5 hens. Commenting on this record, the "American Stock Keeper" of Boston, Mass., says, "There are 100 pens in the competition, each pen consisting of five birds. The best record for the past week was made by a pen of Dark Cornish. This pen which displaced the Orpingtons and Rhode



CORNISH HEN.

The Cornish hen, portrayed above exhibits in a remarkable degree the same wonderful development of the body, shoulders, thighs and breast of the Cornish cock.

Island Reds, which have been leading for some time past, made the remarkable record of 30 eggs for the week. One bird of this pen laid seven eggs, three laid six eggs, and one laid five in this event." A comment from the shoulder from the leading weekly poultry, pet stock and pigeon magazine of the East. You may have doubted fanciers' statements, but these statements you cannot doubt. Cornish, cared for and properly fed, *will lay eggs*.

In conclusion, I want to say that I hope Cornish will make some new friends by this article. I have kept away from personal accounts, have given you, brother poultrymen fanciers, facts. You cannot doubt facts. Yours for better Cornish.

The Indian Game (Cornish Fowl) may be described as a short legged Malay, very plump and meaty on the breast, with close, hard plumage, an absence of offal in the shape of comb or superfluous feather and altogether a most valuable table fowl. W. B. Tegetmeier, England, 1892.

STANDARD POULTRY TOPICS FROM OVERSEAS

CRITICISMS OF THE POULTRY CLUB OF ENGLAND RESPONSIBLE FOR PRESENT CRUSADE WITH A VIEW OF IMPROVING IT. ENGLISH POULTRY BREEDERS AGREED THAT THE POULTRY CLUB SHOULD BE REPRESENTATIVE AND ON A PARALLEL WITH THE AMERICAN POULTRY ASSOCIATION. INTERNATIONAL STANDARDS IDEA DEAD OR SLUMBERING FOR THE PRESENT. NEW BREEDS AND VARIETIES PRODUCED IN ENGLAND. WHITE LACED BLACK WYANDOTTES PROMISE TO CREATE A SENSATION

BY W. M. ELKINGTON, ENGLAND



HE chief topic of conversation among British fanciers during the last few months has been the Poultry Club, and I think it is a good sign of the times when people criticise an institution with a view to improving it. That is the purpose of the present crusade.

Everyone appears to be agreed that we need a strong representative poultry club on a parallel with your American Poultry Association, but we don't all agree about the right way to bring it about. The poultry club has been in existence for 36 years, and by this time it ought to have settled down to steady prosperity. As a matter of fact it has about 1400 members and associated societies and of the many thousands of fanciers in England, Wales, Scotland and Ireland, and lately it seems to have come to the end of its tether, for the membership has actually decreased.

BRITISH FANCY PECULIARLY CONSTITUTED

Now it is perfectly true that the British poultry fancy is peculiarly constituted. We have a great many people who dabble in poultry keeping and poultry showing purely as a hobby and who don't want their time taken up with politics and obtruse questions affecting the interest of the fancy. These people ask to be let alone and it is difficult to make them understand that they owe a duty to the fancy. Then we know a very large proportion of working men fanciers who won't pay five shillings (a dollar and a quarter) a year because they can see no immediate return. Again, the smaller fanciers' societies that hold county shows will not come into the Poultry Club because its show rules are strict. These small shows like to make rules to suit themselves and very often to rob the exhibitors and that the Poultry Club won't allow. Consequently, there are many times more people outside the Poultry Club than there are in it, and it might be said that it includes only the biggest and the best fanciers and the biggest and the best shows.

So you will see that it is by no means an easy task to convince every fancier and every show that he or it ought to back up the work of the Poultry Club. No doubt there are means by which a large proportion of these people and shows might be influenced; but the management of the Club has not tended in this direction. Unfortunately, there have been mistakes, pin-pricks and unpleasantness that has made discord rather than harmony.

SOME PERPLEXING QUESTIONS

Some years ago the Poultry Club, under pressure from some mischief makers, decided that the dubbing of game cocks should be prohibited and there arose a rumpus that

has lasted to this day. All the Game breeders in England and many more besides rose in revolt, and the end of it was that when the Poultry Club looked like coming to grief, it adopted the undignified plan of resenting its decision. Since then there has been many minor troubles, and every now and again we hear criticism and condemnation poured upon the Poultry Club council because they have done something that somebody doesn't agree with. I'll give you an example. A few weeks ago a question came before the council concerning the status of a man who buys eggs, hatches them and rears the chickens. The council decided that if this man hatches and rears a winner from a setting of eggs that he has purchased he is the breeder of that chicken and not the man who mated the stock and sold the eggs. As soon as this became known there was an outcry, so I wrote up to the council and put a few more questions to test their opinions. Among other things, I asked, supposing I employed a farmer to hatch and rear chickens for me at so much per head, as I very often do, to relieve

my own space in a busy season, whether that farmer is the breeder of the chickens he so hatched and rears, and they said "Yes." Now, I contend that that is absurd. If a farmer who knows no more about mating stock for breeding standard birds is to call himself the breeder of my chickens because I hire him to hatch and rear them and I have no right to call myself anything in fact, that I must make acknowledgments to that man for breeding them as well as hatching and rearing them, well, there is bound to be mis-

chief and trouble until such an illogical decision is reversed.

COMMON SENSE NEEDED

That is the way the Poultry Club has been making trouble for itself all the time. Common sense suggests that the correct answer to such a question should have been that the breeder was the man who mated the stock and the man who hatched the eggs and reared the chickens was the raiser. But not a bit of it. The Poultry Club councilors must get out a dictionary where they discover that a breeder is a man who produces and raises up. So they accept the definition literally, without realizing that the man who compiled the dictionary was not thinking of a case like this when he defined a breeder. This and other decisions equally unpopular have caused many people to say that the officials who control the Poultry Club are not sufficiently well versed in fancy matters.

POULTRY CLUB A FAILURE

There has been much talk about a clique that has controlled the Club from the very beginning, cornered the



We seldom see a more desirable location for a poultry house than the one illustrated above, both range and shade are plentifully supplied. The house in the picture is one of four new ones recently erected by U. R. Fishel, Hope, Indiana, and it indicates the rapid progress that is being made at Fishelton.

best positions, and kept the better informed, more practical fanciers out in the cold. I am afraid there is some truth in that, and the fancy in England is just waking up to the fact anyway. It is plain for all the world to see that the Poultry Club at the present moment is a dead failure. It has been making many enemies and few friends, and the leading officials have shown neither wisdom nor sympathy and tact. The result is that hundreds of fanciers declare they will have nothing to do with the Poultry Club till it is put on quite a different standing, and as the people in control are determined to hold on as long as they can, it seems that we are in for a long drawn faction fight, that will do a lot of harm in the fancy, put back the clock of progress and create enmity and bitterness that will not be forgotten for a generation. I should be far more hopeful of the result if it were not for the fact that personal interests figure too prominently in Poultry Club affairs. It is quite obvious, when pressing questions have been discussed, that a lot of people have been thinking more of their own interests than the interests of the club, and at times it has been noticed that men in the council have used their position against their fancier rivals outside. That kind of thing will not do anywhere; neither in England nor in America will fanciers tolerate abuse of official position and the sooner the lesson is learned, the sooner we shall make progress.

A POULTRY CLUB SHOW

By way of making a bid for popularity the Poultry Club has been persuaded into holding a show of its own during the coming winter, and already I hear that some of the old stagers are regretting it because it looks like costing a good round sum of money. So far as the arrangements have been made at present, the show is to be held at the New Year, about the same time as the Madison Square Garden, and the site selected is an annex of Olympia, the largest building in London next to the Crystal Palace, where the horse show and motor shows are held. From all that I can hear, the show will be on quite an elaborate scale and will rival the Crystal Palace itself, in regard to classification. Some people complain that the date is too late, for breeding is in full swing by New Year's Day in this country, but there are no other dates available, every week being occupied by some important show. Mr. William Rice has been elected secretary for the show, and it will be remembered that Mr. Rice was also secretary to the sub-committee appointed to consider the question of International Standards. He is an enthusiast and a hustler.

INTERNATIONAL STANDARDS

You will be interested to hear how the International Standards' inquiry has progressed. Well at the present moment the idea is as dead as mutton, only Mr. Rice and one or two more still believe in its resurrection, and their faith is wanning. The sub-committee, of which Mr. Rice is secretary, sent circulars to all the specialty clubs asking their opinion of an International Standard and how far they would go to bring it about. Two or three clubs whose Standards are recognized all over the world seem to be quite agreeable, but I do not think there was a single case where a club offered to give an inch. The United Wyandotte Club representing all colors of Wyandottes, curtly replied that it would have nothing to do with revising its Standard for international purposes; the Partridge Wyandotte Club declined to discuss the question; The Buff Orpington Club, the Plymouth Rock Club, and others refused to make any alterations in their Standards and many more failed to reply. On the whole, the results appear to be of a negative character, but it is quite evident that among the real breeders of this country there is a firm determination to reject any interference with existing interests, and I believe that view will be shared by the leading practical breeders in America. The idea has been chiefly supported by people connected with breeds in which the ideal is universal, or else by those who have been attracted by its sentimental character and do not look at it from the standpoint of the practical breeder. The latter does not see the advantage of scrapping his existing strains, embracing a new ideal, building up new strains and losing his national trade for the shadowy prospect of securing a better international trade. Englishmen must breed the class of stock that sells in England, and Americans must breed the class of stock that sells in America, and if there is a big difference between the two, we must

put it down to national characteristics and prejudices. I am convinced that we shall never reach an international agreement until each people is prepared to sink its national character, and knowing Englishmen and Americans pretty well, I think it will be a very long day before that happens. This little episode may now be considered closed. International Standards are dead. Let them rest.

NEW BREEDS

Two or three years ago there looked like being a boom in new breeds. Nearly every other fancier you met had definite plans for bringing out something new and original, and the remarkable thing was that the majority of these people were comparatively newcomers to the fancy, and seemed to think they had only to wait and talk about making a new breed and the thing would happen. Well, the net result of all this talk is that there never was a time when good and promising new breeds were so scarce as they are at present. I can tell you of quite a number of new specimens in the making in a more or less advanced condition, but with one notable exception they are mere plagiarisms, just variations on some other form. The exception is the White-laced Black Wyandotte, and when that comes nearer to maturity, as it will in a year or two if the right people take it up, the world will have another original type of color variations, unique and beautiful and a worthy addition to the grand race of Wyandottes. The remarkable thing about this new species is that to the best of my knowledge, only two breeders have tackled the question. Both can be described as amateur fanciers and both are ministers of the church of England. I believe that Rev. J. W. A. Mackenzie was the first to tackle the problem, but later the Rev. C. H. Hildebrand took up the running, and this gentleman has up to the present shown the greatest advance in quality, and bids fair to put the variety upon the market in a finished state before many years have passed. The fault I find with many English raisers of new breeds, is that they exhibit their production before they are sufficiently developed. This was particularly the case with White Laced Black Wyandottes, for the first specimens exhibited were such sorry creatures that

(Continued on page 145)



"IDEAL MODEL"

Mr. Andrews has won first and second prizes on cockerels at the Boston Show for the past three years, but the blue ribbon White Wyandotte cockerel of 1812 is considered by him the greatest Wyandotte he ever bred or saw. He was sired by "Perfection Ideal", first pen cockerel at Boston, 1911. The cockerel illustrated above was also awarded the special for most typical male.



*Ad. G. Williams
1912*

FIRST PRIZE PEN S C WHITE ORPINGTONS
 ALDRICH POULTRY FARM COLUMBUS OHIO.

BALTIMORE SHOW 1912

The beautiful pen of White Orpingtons illustrated in the above picture presents a fine study in Orpington type, the massiveness of the cock bird and the hens being characteristic of the breed, the cobby build and great size not being destroyed by loose cuchiny feathering on the thighs. In color of plumage, the male and females were of that silvery white all high class White Orpingtons should possess.

TWO GREAT AMERICAN EGG LAYING CONTESTS

REVIEW OF THE RESULTS OBTAINED AT STORRS AGRICULTURAL COLLEGE, CONNECTICUT, AND AT THE GOVERNMENT EXPERIMENT STATION, MISSOURI. THE BEST BREED RESTS WITH THE BREEDER WHO BREEDS HIS SELECTIONS FOR THE HIGHEST RESULTS. WHITE LEGHORNS AND WHITE WYANDOTTES RUN A CLOSE RACE AT STORRS FOR THE HONORS. COMPARISON OF THE RELATIVE LAYING BY THE SEVERAL VARIETIES AT BOTH EXPERIMENT STATIONS. AMERICAN BREEDS TAKE FIRST HONORS IN BOTH CONTESTS. FOR INDIVIDUAL SCORES, "LADY SHOW YOU", A WHITE PLYMOUTH ROCK, LAYS 281 EGGS DURING THE YEAR AT MOUNTAIN GROVE. A RHODE ISLAND RED LAYING 254 EGGS AT STORRS IN THE TWELVE MONTHS' TEST. IMPORTANT LESSONS TAUGHT BY THE MISSOURI CONTEST ABLY EXPRESSED BY MANAGER QUISENBERRY

BY O. WILSON



INDNIGHT, October 31st, at the Storrs Agricultural College, Storrs, Conn., and at the Government Experiment Station, Mountain Grove, Mo., was no place for ghosts.

Busy attendants at these places were merrily engaged in removing the contesting hens of the two great egg-laying contests from their abiding places, putting them into crates for shipment to their owners and replacing them with the entries for the year commencing November 1st.

Nine years ago the first public egg laying competition was instituted by the government of far-off Australia. The average per hen in that contest was 117 eggs. The average for the hens in the same institution for the year ending March 31, 1912, was 176 eggs. That is improvement. Will we do as well? On November 1, 1911, the two competitions started in our country and ending October 31, 1912, give us a flying start over the first year's demonstration made by the Australian entries when averages are considered.

	First Year	Ninth Year
Australia	117	176
Missouri	134	?
Connecticut	153	?

The American hen lays us 80 eggs per year for an average. Let this be increased by even 10 per cent. and the money values for the increase runs into figures that make our heads swim.

The competitions at Storrs and Mountain Grove were instituted by thoughtful men, interested solely in demonstrating to our American Poultryman that careful breeding and interested attention to the physical welfare of his flocks are the main essentials in obtaining a maximum number of eggs. Physical welfare is defined by dry

quarters, pure air, clean feed in sufficient quantities and cleanliness. The breeding will be advanced most effectively by the use of the trapnest and will have an important bearing on the future of our egg production, while the science of preserving and improving inherited qualities, will we feel assured, demonstrate in due time that our breeders are equally progressive with the Australian breeders.

THE BEST BREED DEPENDENT ON SELECTION BY BREEDER

Acting as a direct help to the "Answers to Correspondents" editors in making their usual statement that there is no "best" breed or rather that the "best" breed rests with the breeder who must breed his selection for the highest results, the White Wyandottes of Beulah Farm make an elegant effort for first place at Storrs and are defeated by three eggs, the White Leghorns of F. G. Yost, making a score for the year of 1071 as against 1069, laid by the Wyandottes. At Missouri the first honors go to D. E. Hall's R. C. Reds with a score of 1042, White Wyandottes belonging to P. J. Jansen, engaging the second position with 1015 eggs. In both contests the White Leghorns take the third position, Storrs with 1042 and Missouri with 991.

The highest scores by breed where comparison between the two contests is possible is an instructive study and could we but read back over the methods that produced these historians it would make interesting reading matter.

The following table shows the highest scoring pens that can be compared, and another table will show the scores from those pens where comparison is not possible, while another arrangement will indicate the result by breeds and

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In the above illustration are shown the pens of fowls winning first, third and fourth places in the egg laying contest at Mountain Grove, Missouri. The R. C. Reds shown at the top are the winners with 1042 eggs to their credit, the White Leghorns at the left claim third place with 991 eggs to their credit, just twenty-four eggs behind the second pen. The pen of Banded Plymouth Rocks at the right captured fourth place with a total of 967 eggs. The individual average for the first pen exceeds two hundred eggs per hen while that of the third and fourth is slightly under that mark, nevertheless we think that all the individuals in the three pens are entitled to the name of two hundred egg hens.

AMERICAN POULTRY WORLD



DEVOTED TO THE
Upbuilding of the Poultry Industry
in All Branches

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broad field of Poultry Culture and advancement

STAFF ARTISTS:
Arthur O. Schilling,
H. C. Froby.

EDITORIALS

A FEW WORDS ABOUT THIS MONTH'S COLORPLATE FRONTISPIECE

Our frontispiece this month consists of a breeding pen of exhibition-quality Single Comb Buff Leghorns, made from an oil painting by Arthur O. Schilling, poultry artist. These fine birds were bred and are owned by Monmouth Farms, Freneau, N. J., J. C. Punderford, Proprietor.

Mr. Schilling has done himself much credit, both in delineating the trio of typical birds that occupy the foreground in the picture, also in producing an attractive and realistic background. This is the first oil painting by Mr. Schilling to be reproduced by the four-color process for publication in the poultry press and it is certain that he will receive the sincere congratulations of the many admirers of his work as a poultry artist.

In behalf of A. P. W. readers we thank Mr. Punderford for joining with us in the production of this life-like representation of his favorite variety of Standard-bred fowls. For several years Monmouth Farms have won highest honors on S. C. Buff Leghorns at Madison Square Garden, this country's greatest annual poultry show, and as a rule these honors were won in very keen competition.

Mr. Punderford's strong personal fondness for Standard-bred fowls goes much deeper than a mere commercial or money-making interest in them. Monmouth Farms are conducted on business principles, but quality ranks first in the theory and practice of the proprietor; quantity comes later on.

The poultry industry of America is

fortunate in having men of the character and qualifications of Mr. Punderford devote the best years of their lives to its upbuilding and development. A graduate of Yale University and a man of social accomplishments, Mr. Punderford would be able to win success in any walk of life, but he likes the country, values independence and is devoted to the study and improvement of Standard-bred Single Comb Buff and Single Comb White Leghorns.

Monmouth Farms' S. C. Buff and S. C. White Leghorns are not merely "good to look at." They are bred for utility purposes as well—and with noteworthy success. For example, these farms, during several years, have furnished table eggs in case lots every week of the year to a leading New York City hotel, the price paid being forty cents per dozen the year around.

This means that Mr. Punderford has made a careful study of constitutional vigor—the indispensable foundation of prolific egg yield—and he is of the belief that Buff Leghorns, if bred right, are a little bit better layers than the S. C. White Leghorns, which, in the popular mind, have won such titles as "the egg machine" and "the business hen of America."

It has long been realized by true fanciers of the beautiful in Standard-bred fowls that the "rich, golden buff" that is described in the American Standard of Perfection and that is called for in choice buff specimens, is a color that for real beauty cannot be excelled in the natural plumage of domestic fowls.

The Buff Leghorn, Buff Cochin, Buff Plymouth Rock or Buff Wyandotte that is a true "golden buff," rich in depth of shade, cannot be far surpassed as a living "work of art"—and we believe that the genuine beauty of the Buff variety of Leghorns is one potent reason why Mr. Punderford rather leans to them, as compared with the more popular White variety.

There can be no prettier or attractive sight on a green lawn than a flock of rich, golden Buff fowls. They surpass even the "pure-white, stay-white" kind in attractiveness. And when we get right down to the commercial side of it the yellow-skinned Buff varieties make just as good table poultry, including squab broilers, regular broilers, friers, roasting chickens, etc., as do their White competitors. Both are free from black pin feathers and when it comes to yellow skin, the Buffs ought to have just a shade the better of it, if they are bred that way.

ARE CAMPINES TO ENJOY AN AMERICAN-CANADIAN BOOM?

One day last month a poultryman who lives near Buffalo came to the A. P. W. offices to tell us about his Silver Campines and to make arrangements to have Artist Schilling photograph three choice specimens for him—the photographs to be used for half-tone reproductions.

In passing let us say that a number of our readers, no doubt, will be interested to learn that Mr. Schilling is now permanently located in Buffalo,

and occupies a studio which forms part of A. P. W. offices, in which studio Mr. Schilling is fully equipped to take photographs of fowls and to produce high-class art work of different forms for poultrymen.

What interested us particularly in the Silver Campine experiences that were told us by the visitor above referred to, was the report that he placed an order in England last spring for five sittings of Silver Campine eggs—seventy-five eggs in number; that these eggs were shipped across the ocean; that he hatched thirty-nine chicks from them and that late in November, when he called at A. P. W. offices, thirty-six were still living and had practically reached maturity. It was three of these birds, so we understood, that he wants to have photographed by Mr. Schilling.

This admirer of the Campines also placed an order last spring with J. F. Kennedy, Birch Cliff, Ontario, Canada, from which he hatched eighteen chicks and fourteen of these chicks were living at the time he called to see us.

Geo. Urban, Jr., proprietor of Urban Farms, Buffalo, N. Y., breeder of White Plymouth Rocks, Black Langshans, Anconas, Silver and Golden Campines, Long-tailed Japanese Phoenix Fowl and Black-tailed White Japanese Bantams, is a strong admirer of the Campines, especially the Golden variety, and believes that the Campines are soon to enjoy great popularity throughout the United States and Canada. He regards them as "a remarkably fine breed" and reports that if he had one thousand to sell he could dispose of them readily at good prices—so great is the inquiry.

The Campines are a Belgian breed. They are known as "the Leghorns of Belgium" and it is claimed that they can be traced, in direct line, back to the twelfth century. For several years they have been gaining in popularity in England, France and other European countries.

The Campines have not yet been admitted to the American Standard of Perfection, but an application has been made and no doubt they will be admitted to the 1915 edition.

Mr. Urban thinks that the Golden Campines have perhaps a little greater stamina than the Silver variety, though it is a fact that the Silvers are more popular and therefore more numerous in Belgium, England and other foreign countries. Probably the possession of constitutional vigor and stamina is largely a matter of strain or family, although it is well known that where too close inbreeding is practiced, with the object of perfecting the colors and feather-pattern, a lack of vigor and stamina is certain to result.

DANGER OF RUNNING DAY-OLD CHICK BUSINESS INTO THE GROUND

Just what the purchaser is to get who buys eggs for hatching or who places an order for day-old chicks, is still an interesting question to the man or woman who "pays the price."

It has long been felt that the pur-

chase of hatching eggs at a price far above the cost of market eggs is like "buying a pig in a poke" and it has been well understood that this was a case of placing full trust in the man or woman who sold the eggs.

The day-old chick branch of the poultry business, as now conducted, is on much the same basis. The buyer of hatching eggs cannot know to a certainty what quality he is to own in his new-comers until the eggs are hatched and the chicks have developed, and the same condition exists with the purchaser of day-old chicks, except that he does not have quite so long to wait.

In both cases it is a question, first, of what the buyer wants, orders and pays for; second, of what the seller really knows about good poultry, of what he owns in the way of breeding stock, of the pains he takes in filling orders and how honest he is as an individual.

Thus far it has been the cheaper grades of stock that have been sold generally in the form of day-old chicks. In the first place it is extra hazardous to ship day-old chicks during the cold and changeable weather of March and April, though many persons take this risk, especially in April. However, May and June form by far the more desirable period during which to ship day-old chicks and ducklings long distances.

In the second place, experienced breeders of high-class, Standard-bred stock are quite sure to hesitate about shipping day-old chicks to customers, when they consider the dangers of the experiment and take into account the fact that these chicks have a value of \$1.00 to \$5.00 each, and even more. It is one thing to entrust chicks worth ten cents to 25 cents apiece to the weather clerk and express-man, but quite a different matter to do this with chicks hatched from one's best mating, or from prize-winning stock worth \$50.00 to \$500.00 per head.

The eggs-for-hatching trade has had its disadvantages, so much so that a few poultrymen in time past have discontinued the sale of hatching eggs, and it is evident that the day-old chick opportunity does not offer satisfactory relief. It still will be necessary for the purchaser to invest in well-developed specimens—birds selected and mated by some poultrymen in whom he has confidence—provided he wants to "play safe" and is determined to get, at the earliest date practicable, just what he believes he needs.

The day-old chick trade has developed wonderfully during the last two or three years, but already there are signs of its being "run into the ground." The chief dangers exist in the sale of inferior stock as so-called pure-bred or Standard-bred birds, and in the sale of these chicks at prices below actual cost of production.

One large day-old chick hatchery, with the practices of which we are familiar, buys eggs from nearby farmers at the rate of five cents per dozen above the local market price on the days of delivery and the chicks hatch-



J. C. PUNDERFORD
Owner of Monmouth Poultry Farms, Freneau, N. J.

ed from these eggs—good enough in their way, perhaps—are sold in 25, 50, 100 and 1,000 lots at eight to twelve cents each; twelve cents each in lots of 25 or 50; ten cents each by the 100, and at the rate of \$80.00 per 1,000. Probably they are worth no more than is charged for them.

Recently we noticed the advertisement of a poultry farm that offers "pure-bred" S. C. White Leghorn chicks at 7½ cents each, if hatched during April, May or June, and at nine cents each if hatched during January, February or March. This

same operator asks "10 cents per dozen above market price" for hatching eggs in lots of ten dozen or more, and next spring is to have three and one-half months' old January-February-March hatched S. C. White Leghorn pullets for sale at \$8.00 per dozen, or 66 2-3 cents apiece.

We were specially interested in this advertisement, published in November, 1912, because last May we received a letter from a well-posted poultry supply dealer residing and doing business in the same locality, from which letter we quote the following paragraph:

"The day-old chick business in — (naming the state) this year has been exceedingly poor, due in a great measure to the fact that chicks put out by these large hatcheries have been sold so cheap that they could not make a go of it, and they have put out chicks that were not fit to ship or to raise. I feel that it is safe to say that not over 40 per cent. of the chicks shipped from these large hatcheries during the past three or four months are alive today."

In the case of S. C. White Leghorns, where the birds are kept as layers, without much regard to their Standard qualities, if a hatching egg is worth ten cents, the chick to be sold at one-day old, hatched from an egg of this quality, should sell at 20 cents and no less. In the case of eggs that do not hatch as well as Leghorn eggs a somewhat higher percentage of increase should be charged for the day-old chick.

The right price to charge for the day-old chick depends largely on two factors—the real value of the egg and the percentage of chicks hatchable from the kind and quality of eggs under consideration. Hatchability varies with the breed and variety, with the time of the year, with the condition of the breeding stock, etc., but as a general rule it is a business



WHITE ORPINGTONS

An Established Strain with an Established Record

Write for catalogue giving list of winnings at Madison Square Garden, Chicago, Buffalo International, Cleveland, Allentown, Hagerstown and Pittsburgh. We have supplied hundreds of guaranteed winners and have started thousands of people in the chicken business with breeding stock at moderate prices, quality considered. We are now booking orders for winners for the fall and winter shows, in Single Comb as well as the new Rose Comb White Orpingtons, on payment of a small deposit. A few bargains left in yearling breeders. "Poultry for Profit" gives the essentials of the poultry business. Price 25 cents. It contains no advertising. Our advertising is free for the asking.

We Have Improved the White Orpingtons
And We Can Improve Your Flock.

Lawrence Jackson Farm,

Allegheny Co., Box W, Haysville, Pa.



CARVER'S RED FARM Home of Queen Quality Reds—Both Combs

The SENSATIONAL champions of the year—at Cleveland we won in the hottest class ever shown there, 1st cockerel, 1st hen, 1st pullet, special for best colored male, special for best colored female, special for best shaped female—Silver tea set for best cockerel, Silver tea set for best display—and the coveted State Cup for the best Reds in Ohio. Grandest colored Reds ever offered to the fancier at cut rate prices that will surprise you. Write for prices on just what you want for your breeding pens or for the shows.

A. A. CARVER,

Lock Box No. 2,

SEVILLE, OHIO

mistake to offer day-old chicks at less than 100 per cent. above the true valuation of the eggs from which the chicks are hatched.

Just what the future status of the day-old chick and day-old duckling branch of the poultry industry is to be in the United States and other leading countries, is an interesting and important question. It is a question that specialty breeders are now considering with much earnestness—a question that has to do with community hatching as practiced on modern lines, but in quite close imitation of the Chinese and Egyptians who were engaged in the same line of trade more than two thousand years ago, or before the dawn of the Christian Era. It is too early to say or even to predict what effect the sale of day-old chicks and ducklings will have on the sale of hatching eggs, but that it has affected it quite materially during the last year or two seems to be the prevailing opinion.

PROVISIONS OF THE UNITED STATES PARCELS POST LAW

Due credit should be given to the American Poultry Association for publishing, in its fourth quarterly bulletin of date October, 1912, the provisions of the parcels post law, as adopted by Congress last summer—which law is to become effective January 1st, 1913. Following are the provisions of the law as prepared in brief by U. S. Senator Jonathan Bourne, Jr., chairman of the committee on postoffices and postroads, and published in the A. P. A. bulletin:

"Any article is mailable if not over 11 pounds in weight nor more than 72 inches in length and girth combined nor likely to injure the mails or postal equipment or employees.

"Flat rate of 1 cent per ounce up to 4 ounces regardless of distance.

"Above 4 ounces, rates are by the pound or fraction thereof, and varying with distance as follows:

	First Pound	Each additional pound	11 Lbs
Rural route and city delivery....	.05	.01	.15
50-mile zone.....	.05	.03	.35

	First Pound	Each additional pound	11 Lbs
150-mile zone....	.06	.04	.46
300-mile zone....	.07	.05	.57
600 mile zone....	.08	.06	.68
1000-mile zone....	.09	.07	.79
1400-mile zone....	.10	.09	1.00
1800-mile zone....	.11	.10	1.11
Over 1800 miles..	.12	.12	1.32

"The postmaster general may make provision for indemnity, insurance and collection on delivery, with additional charges for such service, and may, with the consent of the interstate commerce commission after investigation, modify rates, weights, and zone distances when experience has demonstrated the need therefor.

"How the new parcels post compares with existing express rates is shown by the following comparison, all figures being cents:

Weight not over..	1 lb.	4 lbs.	7 lbs.	11 lbs.
50 mile zone:				
Express rate from New York.....	25	30	35	35
Parcel post.....	5	14	23	35
150 miles:				
Express	25	35	40	45
Parcel post.....	6	18	30	46
300 miles:				
Express	25	40	50	60
Parcel post.....	7	22	37	57
600 miles:				
Express	25	50	60	75
Parcel post.....	8	26	44	68
1000 miles:				
Express	25	60	80	100
Parcel post.....	9	30	51	79
1400 miles:				
Express.....	30	60	100	135
Parcel post.....	10	37	64	100
1800 miles:				
Express	30	60	100	150
Parcel post.....	11	41	71	111
Over 1800 miles:				
Express, 1850 mi..	30	60	100	150
Express, 2500 mi..	30	60	100	160
Express, 3000 mi..	30	60	105	165
Parcel post, all distance over 1800 miles.....	12	48	84	132

"To carry the law into effect it will be necessary to print a large number of postage stamps of new denominations, as distinctive stamps must be affixed on all packages before mailing. It is predicted that denominations will run as high as \$1.

"All the average man or woman will need to do is to prepare his or her package, address it and hand it in to be weighed, when the clerk will indicate the amount of postage necessary. Perishable articles may not be shipped or packages that might injure the person of any postal employee. By perishable articles is not meant ordinary farm or garden produce, but only such as would decay in transit."

It is impossible to foresee the practical limits of this new means of transporting small-sized, light-weight packages of merchantable goods to all parts of the country, but undoubtedly the public will make immediate and extensive use of the opportunity. Next following is a brief report from the American Consul General at Hamburg, Germany, treating of the shipment of eggs and butter in that country by parcels post.

NOW FOR PARCELS POST SHIPMENTS AND A STILL GREATER POULTRY INDUSTRY

The parcels post law, as adopted by the U. S. Congress last summer, is to go into effect next month, January 1st, 1913, and already the poultry press contains advertisements of shipping boxes or "containers"—of one form or another—for use in shipping hatching eggs, fresh laid eggs, day-old chicks, etc., by mail.

Undoubtedly hatching eggs, fresh eggs for table use, fresh fruit, vegetables, etc., will be accepted for transportation as parcels post matter, and it may be that day-old chicks can be shipped in this manner, though that is doubtful. However, in Germany and other European countries butter is shipped by parcels post and butter certainly is a rather "perishable" article, especially during warm weather.

Last summer we saw in the daily press an extract from a report sent to America by Robert P. Skinner, American Consul General at Hamburg, Germany, relating to the parcels post service of Germany and thereupon wrote Mr. Skinner for a copy of this report, also for samples of the "containers" used in Germany for transporting eggs, butter, etc. Following is Mr. Skinner's reply to our letter, also his report in full:

AMERICAN CONSULAR SERVICE,
Hamburg, Germany, Oct. 21, 1912.
"Editor American Poultry World, Buffalo, N. Y.:
"I am in receipt of your letter of the

ALDRICH WHITE ORPINGTONS THE STRAIN OF QUALITY



If you wish to WIN at your show, or if you wish the HIGHEST QUALITY of selected breeders at prices *never before offered* for White Orpingtons, write us, telling us exactly what you want and we will quote you prices.

Our birds have won *this season* at the great Allentown, Atlanta and Augusta Shows, **44 prizes** on 60 birds entered in competition with 52 of the largest breeders in America from 11 different states. At Allentown we won both the *futurity cockerel and pullet* and at Atlanta our first prize cockerel received the sweepstake for the *best cockerel in the show*, of over 3000 birds, while our first prize hen at the Augusta Show was pronounced the *best ever shown in the south*.

Our customers have also won this season at Hagerstown, Md., Bismark, N. D., Glasgow, Ky., Lancaster, Ohio, and many other shows, all these young birds being bred and raised on our farm or hatched from our eggs, from last year's prize winners at St. Louis, Baltimore, Pittsburgh, Cleveland, Chicago and MADISON SQUARE GARDEN.

Our egg prices will be one-half those of last year, making our best eggs \$15. Eggs ready December 1st.

Send for the Catalogue of AMERICA'S QUALITY WHITE ORPINGTON FARM.

ALDRICH POULTRY FARM,

4075 N. High Street,

COLUMBUS, OHIO



COMMITTEE ON MARKET POULTRY AND EGG STANDARD.

Standing (from left to right): Frank C. Hare, Prof. H. C. Pierce, T. E. Quisenberry, W. A. Lippincott, Harry M. Lamon, G. C. Bowman.
Sitting: Prof. W. R. Graham, Paul Mandeville, Robt. Essex, Reese V. Hicks, S. T. Campbell.

30th ult., asking for information in regard to egg containers for use in making shipments by parcels post, concerning which I made a brief report some weeks ago.

"I take pleasure in supplying you with a copy of the report in question, and am sending you also sample containers: one, an indestructible wooden box which can be tied or locked with a key; a pasteboard box which can be used a considerable number of times; and a flat box with metal clamps for use in making shipments of butter.

"If you desire any other facts in connection with this matter, I place myself very gladly at your disposition.

"I am, gentlemen,

"Your obedient servant,

"ROBERT P. SKINNER,

"Consul General."

PARCELS POST CONTAINERS FOR SHIPMENTS OF BUTTER AND EGGS

"The parcel post service of Germany is used to a very large extent by farmers in their dealings with city customers, and especially for the delivery of butter and eggs. Butter thus shipped is wrapped first in parchment paper and then packed in a cardboard box. As a rule shipments under ten pounds are not made, each pound being separately wrapped, the total shipment including nine pounds of butter, net.

"These pasteboard butter boxes come with an upper and lower part and are folded together and fastened with metal clamps to make the finished box. In knocked down condition these boxes can be had in this country for

\$23.20 per thousand for the best quality and \$21.42 for the second quality. The boxes can be saved and used over again. The clamps cost 33 cents per thousand.

"Eggs are shipped either in strong cardboard or wooden boxes, the inside of which contains corrugated cardboard partitions forming squares large enough to receive one egg. Between each layer of cardboard partitions a sheet of cardboard is placed. The wooden boxes are rather attractively finished and cost at retail 95 cents each. They are provided with a padlock and neat cover, and can be used for an indefinite period. Pasteboard egg boxes containing partitions for ten eggs can be had for \$45.22 per thousand, and boxes to contain 24 eggs for \$71.40 per thousand.

"ROBERT P. SKINNER,

"Consul-General.

"Hamburg, Germany, July 24, 1912."

On page 111 is shown a picture of the egg box referred to and described in Mr. Skinner's letter and report. No doubt in the very near future the U. S. postal authorities will decide definitely whether or not hatching eggs and eggs for table use will be accepted for transportation by parcels post, also what style of containers and what methods of packing will be acceptable. The decision of the postal authorities as regards the transportation of day-old chicks by parcels post will be awaited with much interest by poultrymen who are engaged in this

branch of the industry, also by their numerous customers.

MARKET POULTRY AND EGG STANDARD COMMITTEE HELD THREE-DAY MEETING IN CHICAGO

October 28-30 inclusive, the committee to which the American Poultry Association has entrusted the work of preparing copy and illustrations for the forthcoming market poultry and egg standard, met in Chicago at the Sherman House. This committee consists of the following persons:

Robert H. Essex, Chairman, Buffalo, N. Y.; W. R. Graham, Guelph, Ont.; T. E. Quisenberry, Mountain Grove, Mo.; Wm. A. Lippincott, Manhattan, Kas.; H. C. Pierce, Nashville, Tenn.; G. C. Bowman, Topeka, Kas.; Frank C. Hare, Quincy, Ill.; Harry M. Lamon, Washington, D. C., and Paul Mandeville, Chicago.

The full committee was present except Joel M. Foster, Brown's Mills, N. J. Reese V. Hicks, president of A. P. A., and S. T. Campbell, secretary of the association, were in attendance.

Three days were spent by the committee in going over the large amount of data and correspondence that has

Begin the New Year Right With **B**RIGHT'S BEST OF ALL BARRED PLYMOUTH ROCKS

We are very proud of the success attained by our Barred Plymouth Rocks! We are very much prouder of the fact that our success lies not only in producing an occasional phenomenal specimen, but in producing an *entire flock* whose *extreme qualities* are so *general* as to place us as breeders in a class by *ourselves*! We are confident that no other Yards in the World can produce annually the *great number of Supreme Quality* specimens that are to be found each year at *Grove Hill*. Our consistent and heavy winning of highest prizes at the largest shows, including New York, Boston, Chicago, Topeka, and the three Greatest World's Fairs, prove our statement. **COCKS, HENS, COCKERELS and PULLETS** in perfect condition and able to win any show, our specialty.

GROVE HILL POULTRY YARDS, William Ellery Bright, Prop., F. G. Cook, Supt., Box 804, WALTHAM, MASS.

been collected. Among other things the committee decided that it would be advisable to have sub-committees visit packing houses and other large poultry and egg handling concerns whose business, it is believed, will be affected by the A. P. A. market poultry and egg standard. The idea of course is to secure definite information that will assist this committee in doing its work in a satisfactory manner.

It is proposed also to open correspondence with well-informed persons in foreign countries, with the object of learning exactly what is being done in the way of standardizing market poultry and eggs in the old world. The committee realizes that it has an important task to perform and therefore proposes to take the necessary time to make a workmanlike job of it.

On page 101 is shown a picture of the committee, as taken at Chicago during the meeting late in October.

The sixth annual convention of the National Poultry, Butter and Egg Association met at the Hotel Sherman, Chicago, on the same dates that the A. P. A. market poultry and egg standard committee held its meeting. About eight hundred persons were in attendance at this convention and at the meeting held Tuesday afternoon, October 29th, Mr. Essex, chairman of the A. P. A. committee, read a paper, the subject of which was, "The Market, Poultry and Egg Standard of the American Poultry Association—Its Object." Later on the National Poultry, Butter and Egg Association, in convention assembled, unanimously adopted the following resolution:

"Resolved, That the National Poultry, Butter & Egg Association welcomes the visiting delegates from the American Poultry Association and are in hearty accord with their work of improving the products in which we deal."

STRICTLY FRESH EGGS SELL AT SIX CENTS EACH IN NEW YORK CITY

The following interesting despatch was published in the daily papers of Buffalo and other eastern cities on the date it bears:

"New York, Nov. 14.—Fancy brands of strictly fresh eggs made a new high fall record today when they sold for 72 cents a dozen. They will go still higher before the month is over, dealers said.

"As against 60 cents a dozen wholesale for nearby fresh eggs, western fresh eggs are selling here wholesale at 38 to 41 cents a dozen and first-class storage eggs are literally going a-begging at 24 cents a dozen.

"Under the new law the dealers are obliged to label storage eggs and housewives who can afford to pay the higher prices usually refuse to purchase the storage variety. Unless customers change their minds the egg speculators of New York stand to lose from \$500,000 to \$1,500,000 in prospective profits between now and next spring on storage eggs."

The new cold storage law of New York State provides that "it shall be a violation" of law "to sell any article or articles of food that have been kept in cold storage or refrigeration, without representing the same to have been so kept," and the State Department of Health has adopted the following rule, with reference to this provision of the cold storage law:

"The representation of cold storage poultry, fish and eggs required under Section 339-C, may be met by the retailer by placing upon such articles or upon the receptacle containing them, in full view of the public, a card not smaller than six inches in height by ten inches in length, upon which shall be printed the words 'cold storage' in plain letters not less than two inches in height."

In other words, the housewives are now in a position to know in New York State at least—when they are offered cold storage eggs, as distinguished from new-laid, strictly fresh, etc. "Fancy eggs", as mentioned in the above despatch, means strictly

fresh eggs, also eggs that have been "selected" as to size and color.

Seventy-two cents per dozen for strictly fresh eggs is not really a new high record for New York City. Sterile or germless eggs—strictly fresh and selected as to size and color—brought seventy-three cents per dozen in New York City, November-December, 1911, but these eggs, at this price, were sold to private trade—to leading hotels, high-class restaurants, clubs, hospitals, etc.

It will be interesting to keep track of the New York City egg market during the latter half of November and the forepart of December, 1912, with the object of learning whether or not this price of six cents per egg is to be exceeded to any considerable extent.

BOSTON SHOW TO OFFER CASH PRIZES ON MARKET POULTRY AND EGGS

All readers of A. P. W. who are specially interested in the development of the so-called utility values of Standard-bred poultry will be glad to learn that the management of the Boston show (W. B. Atherton, 30 Broad Street, Boston, Mass., Secretary), is to offer liberal cash prizes this season on dressed poultry and eggs. Writing under recent date, Mr. Atherton reports:

"The demand for premium lists of the Boston Show is greater than ever and from present indications there will be many new exhibitors at this season's big show.

"Announcement was made some months ago, through the poultry press, that substantial prizes would be offered by the Boston Association on dressed

STAY WHITE ORPINGTON MALES FOR SALE

We have for sale two guaranteed "Stay White" (1911 hatch) White Orpington Cocks, price \$75 and \$100. From these males we raised 50 cockerels, these cockerels have had "Stay White" sires for four generations. These birds will be sold at \$3, \$5 to \$10 each. We have 80 early hatched pullets sired by the two above cocks, we will sell these at \$5 per head. We have 100 yearling hens, many of them sired by the "Stay White" cock "Snow Drift," they go at \$3 each. Surely these birds are given away! But we must have room for our large flock of *Golden and Silver Campines*. Will you continue breeding yellow males when you can get blood of "Stay White" quality at prices we make? No females in Campines for sale. A lot of fine breeding cockerels will be sold. A few cocks and cockerels good for crossing on any fowl to increase egg production, these go at \$3 each.

AUG. D. ARNOLD,

Box D,

DILLSBURG, PA.

S. C. BLACK ROYAL ORPINGTONS S. C. WHITE



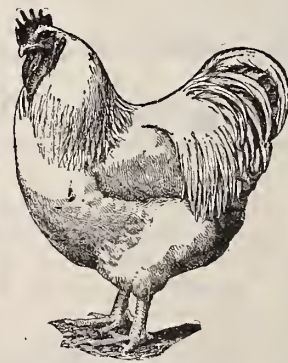
We are the leading breeders of Black and White Orpingtons in the south, our birds have type, color, stamina and vigor, and are the kind that will add improvement to any flock.

Our winnings of 19 firsts and 6½ seconds in three weeks at three shows in strong competition is proof of quality. Our first pen of Black Orpingtons was the sensation of the Memphis show just closed.

"Quality not Quantity" is our motto. Our Mr. Lembke spent an entire year in the yards of leading English and American breeders, securing only the best for our foundation stock.

We have hundreds of choice cockerels and pullets of either variety of the same quality as our winners. We are prepared to supply your needs. Write us your wants. Our farm is open to inspection at any time, make us a call.

Royal Stock is what you need. It always satisfies.



ROYAL POULTRY FARM,

Box W,

DICKSON, TENN.

poultry and eggs, and I am glad to report that this department promises to be a prominent feature. No entry fees are to be charged in this department.

Following is the list of cash prizes to be offered in our dressed poultry and egg department, which probably represents the largest amount of money ever offered to encourage the utility exhibit at a poultry show held in this country:

- Best exhibit of Dressed Poultry, not less than 10 birds, \$15.
- Second Best Exhibit of Dressed Poultry, not less than 10 birds, \$10.
- Third Best Exhibit of Dressed Poultry, not less than 10 birds, \$5.
- Best Exhibit of Dressed Guinea Fowl, not less than 10 birds, \$5.
- Best Exhibit of Broilers, not less than 10 birds, \$10.
- Best Exhibit of Dressed Ducks, not less than 10 birds, \$10.
- Best Exhibit of Soft Roasters, not less than 10 birds, \$10.
- Best Exhibit of Dressed Geese, not less than 5 birds, \$10.
- Best Exhibit of Dressed Turkeys, not less than 5 birds, \$10.
- Best Pair of Dressed Chickens of each of the following breeds: Brahmas, Cochins, Langshans, Plymouth Rocks, Wyandottes, Rhode Island Reds, Dorkings, Orpingtons, Leghorns, Minorcas, Hamburgs, Houdans, La Fleche, Creve Coeur, Buckeyes, Games, Geese, Ducks, and Guineas, \$2 First, \$1 Second.
- Best Pair of Fowls of each of the above breeds, \$2 First, \$1 Second.
- Largest Turkey, \$2.
- Largest Goose, \$2.
- Largest Capon, \$2.
- Largest and most attractive exhibit of Eggs, \$10.
- Best 10 dozen Brown Eggs, \$5.
- Best 10 dozen White Eggs, \$5.
- Best 10 dozen Guinea Eggs, \$5.
- Best Exhibit of Goose Eggs, \$5.
- Best Exhibit of Indian Runner Duck Eggs, \$5.
- Best Exhibit of Duck Eggs other than Indian Runner, \$5.
- Best Exhibit of Turkey Eggs, \$5.
- Best Dozen from Brahmas, Cochins, Langshans, Plymouth Rocks, Wyandottes, Rhode Island Reds, Dorkings, Orpingtons, Leghorns, Minorcas, Hamburgs, Houdans, Games, American Dominiques, Cornish, Black Spanish, Campines, Anconas, Ducks, and Geese, First Prize on each \$1, Second 50 cents.
- Best Dozen Chickens packed in regulation case with net and gross weight marked thereon, neatness and attractiveness of packing to be considered: First \$10, Second \$5.
- Best Live Capon, First \$5, Second \$2.
- Best Collection of Live Capons, not less than 10 birds, First \$10, Second \$5.

Best Exhibit of Live and Dressed Poultry, Plans, Appliances, etc., by an Agricultural College, \$50; Second Best Exhibit, \$25; Third Best Exhibit, \$15.

PRESIDENT HICKS NOT A CANDIDATE FOR RE-ELECTION

The following letter, as furnished to the poultry press of the United States and Canada, is published at the request of Reese V. Hicks, president of the American Poultry Association:

"Topeka, Kansas, Oct. 24, 1912.

"Editor American Poultry World:—

"At the coming election of the American Poultry Association, I will not be a candidate for president, nor for a place on the executive board. In twice electing me to the executive board, and in twice electing me president, practically by acclamation, I feel that the great honors thus shown should be passed on.

"Added to this, I must consider the fact that as editor of a poultry journal, I must devote more time to my newspaper work.

"Allow me to express my appreciation for the honors shown and hearty support received from my many friends in the past.

"With best wishes,

"Cordially yours,

"REESE V. HICKS."

Nominating ballots for the selection of several new officers of the American Poultry Association are to be sent out by the election commissioner early in February. A president, a vice-

CLEVELAND'S BIG POULTRY SHOW

Eighth Annual Show of the Cleveland Fanciers' Club will be held in the big Central Armory, January 20th to 25th. Entries close January 8th, 1913.

Send for Premium List today.
Address

J. T. CONKEY, Sec'y,

218 American Trust Bldg., Cleveland, Ohio

You Can Win and Breed Winners With

BRIGHT'S BEAUTY BROWN LEGHORNS

We have 150 S. C. Brown Leghorn cockerels now matured and in show condition fit to win at any show from Maine to California. Rich red fellows with lustrous greenish shading in black coloring, birds of large size and the best head points we ever saw in a flock of Leghorns.

A few splendid show hens and pullets for sale, also some grand breeders in these classes at desirable prices.

Consider our winnings at all the leading shows of the country.

GROVE HILL POULTRY YARDS,

William Ellery Bright, Prop.

Box 804-A,

F. G. Cook, Supt.

WALTHAM, MASS.

S. C. WHITE ORPINGTONS WHITE LEGHORNS AMERICA'S LEADING STRAINS

WHY—THIS—BECAUSE—During the past two seasons at Philadelphia, Grand Central Palace and Boston shows we won Twenty-two Firsts, Thirteen Seconds, Seventeen Thirds, Ten Fourths, Nine Fifths, Eighteen Silver Cups and Two Championship Medals. Boston, 1912, we won Eight Firsts out of Ten. At the 1912 Great Hagerstown Fair, the biggest show of the century we won on S. C. White Leghorns—First and Fourth Cocks, First Hen, Second and Fourth Cockerel, First and Second Pullet, First Pen Old, First Pen Young. First Pullet a marvel, winning special for best bird in Mediterranean classes. White Orpingtons—First and Third Hen, Second and Third Cocks, and First Pen. We have raised Two Thousand birds this season and our winnings at the great Hagerstown Fair demonstrate that we have the best birds in our history, and we have birds of the highest exhibition quality for sale. Send for catalogue.

DUNE ALPIN POULTRY FARM, Box 561W. EASTHAMPTON, N. Y.

president, a secretary and three members of the executive board are to be chosen. Two of the present incumbents—President Hicks and the editor of A. P. W.—have informed the interested public that they are not candidates for re-election.

Other officers whose terms expire at the thirty-eighth annual convention to be held in August, 1913, are Vice-President Samuel J. Hopper, Dallas, Texas, and Executive Board members, U. R. Fishel, Hope, Ind., and T. E. Quisenberry, Mountain Grove, Mo.

At the Nashville meeting last August Mr. Fishel was elected treasurer of the association. The constitution provides that the treasurer must be a member of the executive board; therefore if it is the desire of the membership to have Mr. Fishel continue as treasurer, he should be re-elected to the board.

What the wishes or intentions of Mr. Quisenberry are with reference to re-election, we do not know, but he is a man well qualified for the position and should be kept in office, provided he will consent to accept the honor and responsibility.

Messrs. Fishel and Quisenberry are excellent presidential timber—and so are E. E. Richards and Chas. D. Cleveland, members of the executive board and of the advisory committee on complaints and grievances. It would not be possible to make a mistake in electing any one of these men to the highest office in the gift of the organization.

Whether or not Mr. Hopper is a candidate for re-election to the office of vice-president we do not know, but it is certain that he made many new friends at Nashville by his capable work and the exercise of mature judgment. Mr. Hopper had been strongly in favor of abolishing the nine elective members of the executive board, doing this in the interest of "necessary economy", as he viewed the situation, but when he learned at Nashville that it was proposed to increase the retail and wholesale prices of the Standard of Perfection to the extent of fifty cents per copy, he addressed the convention and asked the privilege of withdrawing his proposed amendment. It was an act of commonsense and personal courage—an act that was appreciated by other sincere and well-informed members of the association.

The American Poultry Association owes Mr. Hopper a re-election to his present office, if he desires re-election.

NEW MEMBERS OF A. P. A.

Since the last issue of AMERICAN POULTRY WORLD went to press, the following new members have been elected to membership in the American Poultry Association, by action of the Executive Board:



WHITE ORPINGTONS

Magnificent youngsters fit for any show in the country. Remember that I supplied winners in some of the largest shows in America last year, and I have far better stock now. Am especially strong on exhibition hens. They are simply grand. My winning of the big Silver Cup for the best display, besides 1st pullet, 2nd cockerel, 3rd hen and 5th cock at the last two Chicago Shows is a positive demonstration that I am amply supplied with the right quality.

DR. GUY BLENCOE,

ALMA CENTER, WISC.

SUNNYBROOK FARM

EATONTOWN, N. J.

White and Columbian Wyandottes

Utility S. C. White Leghorns

JULY 15, 1912.

AMERICAN POULTRY WORLD,

GENTLEMEN:—

We are moving to our **new 130 acre farm** and have our hands full with over 600 Wyandottes and 2000 Leghorns. On this account we will sacrifice many of our last season's breeders at **very low prices**, rather than move them. Please note our change of address to Eatontown, N. J.

Yours very truly,

Box 14

SUNNYBROOK FARM,

Charles D. Clement

Prop.

Raise Strong Active Chicks Grow Green Food in Winter



Chickens raised with the International Sanitary Hover grow big and strong. They are not crowded, for the International has no corners, and is warmer at the curtains than at the center. Perfect ventilation prevents smothering. The lamp of the

International SANITARY HOVER

can be lifted out by person standing. Used anywhere at a moment's notice. No platform or other carpenter work necessary. Fireproof and sanitary.

Also Grows Green Food

In eight days the International Hover will transform 12 quarts of oats into enough green food to feed 500 laying hens three days. This means eggs a plenty in winter, for green food is an egg-producing necessity.

Endorsed by Kellerstrass, Owen Farms, Wm. Cook & Sons, Rufus Delafield, Rose Farm and Monmouth Poultry Farms.

Send for Catalogue. Agents Wanted.

INTERNATIONAL POULTRY SALES CO., Box 611, Brown's Mills, N. J.

McKEE'S WHITE ORPINGTON YARDS

Breeders of S. C. Whites only, Importers of any variety, also breeders of Giant Bronze Turkeys. We breed only the best. Write your wants, no old birds for sale. Show birds in condition on sale at all times, we can please you, give us a trial.

McKEE'S WHITE ORPINGTON YARDS,

Lock Box 64½,

Route 2,

BRUSH CREEK, TENN.

GARVEY McKEE, Manager, Member A. P. A., White Orpington Club, Trousdale Co. Poultry Association and Louisville, Ky., Poultry Association.

OHIO:—Fred Utz, Carrothers; Mrs. S. A. Tracht, Bucyrus; Jacob Wolf, Mansfield; Chas. Svoboda, Cleveland; C. S. McGrath, Apple Creek; J. H. Lewis, Cadiz; Dr. R. H. Sunkle, Cleveland.

IOWA:—Epworth Poultry Assn., Epworth; L. Sherman Kline, Scranton; J. R. Hoover, Oskaloosa; Muscatine Poultry Fanciers' Assn., Muscatine; Wm. P. Watson, Grinnell; G. Watson French, Davenport; Western Iowa Poultry & Pet Stock Assn., Le Mars.

S. DAKOTA:—J. O. Gage, Ree Heights; C. A. Mattes, Redfield; H. B. Sutton, Clark; R. D. Burr, Montrose; Inter State Poultry Assn., Woonsocket.

TEXAS:—A. V. Jakubik, Taylor; Walter Burton, Arlington; Mrs. Tom Q. Scott, Waco; Alvin Poultry Assn., Alvin.

NEW YORK:—W. A. Schleit, Eastwood; C. A. Brown, Sayville; Chautauqua Co. Poultry Assn., Jamestown.

OREGON:—Yamhill Valley Poultry Assn., McMinnville; Vernon Parsons, Eugene; J. A. Griffin, Eugene.

MICHIGAN:—Fruit Belt Poultry Assn., Lawton; J. A. Turner, Lansing.

WISCONSIN:—John F. Johns, Dodgeville; Green Co. Poultry Assn., Monroe.

NEW JERSEY:—Barton T. Fell, Trenton; I. Brooks Clarke, Newark.

CONNECTICUT:—Carlton Perry Nicholson, Ellington; Cyril Crummins, Noroton.

N. CAROLINA:—D. M. Sharpe, Asheboro; Inter Co. Poultry Show Assn., Asheboro.

ILLINOIS:—Dr. R. H. McKenzie, Chicago.

LOUISIANA:—N. D. Dohmer, Mandeville.

KENTUCKY:—Mrs. Walter Kenney, Paris.

PENNSYLVANIA:—Adams Co. Poultry Assn., Biglerville.

OKLAHOMA:—Sam McHarg, Wakita.

MISSISSIPPI:—V. W. Moss, Meridan.

IDAHO:—G. G. Wherry, Payette.

WASHINGTON:—A. R. Graves, Orcas.

MISSOURI:—Orrick Poultry & Pet Stock Assn., Orrick.

ALABAMA:—Robert West, Montgomery.

DELAWARE:—Mrs. M. K. Branch, Edgemoor.

MARTZ'S BUFF ORPINGTONS

Attention of readers is directed to the advertising of A. E. Martz of Arcadia, Ind., found elsewhere in this issue, with which Mr. Martz becomes an annual patron. Mr. Martz has long been prominent as a breeder of Buff Orpingtons and his birds have made remarkable winnings at western and southern shows including Chicago, Indianapolis and Memphis. His latest record was made at the big Louisville show held in September where his birds won all firsts, seconds, thirds and fourths. Mr. Martz has published a handsome catalogue full of interesting reading matter and handsome photographic reproductions of his stock and buildings. A copy should be in the hands of every person interested in Buff Orpingtons. It will be sent free if you mention AMERICAN POULTRY WORLD.

MAXSON REDS

We are advised by L. W. Maxson, Scranton, Pa., that he has 20 cocks, 100 cockerels and 200 pullets of his noted winning strain of S. C. Rhode Island Reds for sale. He will also spare a few yearling and two year old hens. These will make choice breeders and it is a grand opportunity for some one to strengthen their breeding pens. The hens may be had at \$2.50 each, cockerels and pullets \$2.50 and up, and the cocks which are extra choice at from \$10 to \$30 each. If interested in Reds write Mr. Maxson.

THE SCRANTON POULTRY SHOW

The date selected for the next annual show to be held in Scranton, Pa., is January 14 to 18 next. The Scranton people have the reputation of holding one of the best shows outside of large cities. They always have a fine display, large attendance and are highly considered in their own locality. Good judges and prompt payment of premiums.

The secretary, Mr. A. W. Close, will be pleased to answer any inquiry or to send a premium list to all who will ask it.

YAMA FARMS

OUR S. C. Black Minorcas and Barred Plymouth Rocks are in a class by themselves—the finest money can buy or breeding skill produce.

Our showing at the State Fair at Syracuse, N. Y., astonished veteran breeders—5 Firsts for our Black Minorcas and 6 Firsts and a special for our Barred Rocks.



DAFFY DOWN DILLY

Sweepstake Champion at Boston, 1909, the hen for which the highest cash price ever recorded was paid. The finest Barred Rock that ever wore feathers, Her get will improve your flock.



NOW IS YOUR CHANCE

to put YOUR pens in prize winning shape.

We have unrivaled Barred Rocks and Black Minorcas for sale.

Exhibition cocks, hens, cockerels, pullets and pens that can win prizes for YOU in the best of company.

YAMA FARMS, Yama-no-Uchi, Napanoch, Ulster County, New York

NEWTON COSH, Manager Poultry Department

Send for Booklet.

THE CANTON, OHIO, AUDITORIUM SHOW

The Canton Poultry and Pet Stock Association was organized in January of the current year with a charter of 35 members, and has since with a steady growth increased its membership to 151 live, up-to-date, hustling poultrymen. Its first annual exhibition will be held the week of December 30th, 1912, to January 4th, 1913, inclusive, in the city Auditorium, located in the heart of the city. This building is unusually well adapted to the purpose, both from the viewpoint of the welfare of the fowls, as well as to the comfort of the exhibitor. Numerous connecting rooms make this building especially convenient for the use of specialty club meets.

The management has engaged cooping for 1,500 singles, 42 pens, 22 displays and 12 egg-laying contest coops. Approximately \$300.00 to \$500.00 will be dispersed in cash prizes, and many cups and merchandise specials have been liberally placed.

The officers of the association are H. V. Pay, president; A. A. Swope, vice-president; Fred J. Miller, secretary; Marvin B. Homer, ass't. secretary. This latter gentleman is the widely and favorably known breeder of Barred Rocks, and with the experience derived from serving in a like capacity some of the largest shows in the country, assures to the stock under his care the most careful attention.

After a year's careful preparation the management is sanguine of "pulling off" the greatest show in the state and one that will approach if not surpass any exhibition between New York and Chicago. Its premium list will be cheerfully sent upon request of the secretary, Fred J. Miller, 1526 Woodland Ave., Canton, O.

ONLYA FARM WINS AGAIN

Chas. Staaff, Mgr. of Onlya Farm, Florham Park, N. J., informs us that their White Wyandotte entries at the big Augusta, Ga., show were awarded as follows: 2nd and 3rd cock; 2nd and 3rd hen; 2nd and 5th cockerel; 1st, 3rd and 5th pullet; 1st and 4th pen. Also, special for best display and cup for best Wyandotte pen, all varieties competing.

This excellent record in strong competition emphasizes the quality of stock bred on Onlya Farm. Mr. Staaff writes that they can furnish choice exhibition and breeding stock at reasonable prices. See their ad on page 119 of this issue.

CLEARANCE SALE

To move quickly W. R. Shepard, L. B. 643, Wellington, Ohio, is offering unusual bargains in White Wyandottes. He is the originator of the "Cretaceous" strain and has a big lot of farm-raised,

young stock out of his first prize pen at Cleveland last winter. His young birds are well developed, white, carry nice heads and good breasts, in fact, typical Wyandottes. A large number of cockerels will go at half price. A number of pullets, cockerels, and hens are fit to win anywhere. Write quick, men-

tioning AMERICAN POULTRY WORLD, for prices on this stock. J. C.

*** Send for copy of our new Clubbing Catalogue, now ready for mailing ***



BLUE RIBBON POULTRY FEEDS

BLUE RIBBON SCRATCH FEEDS BLUE RIBBON LITTLE CHICK FEED
BLUE RIBBON LAYING MASH BLUE RIBBON PIGEON FEED
BLUE RIBBON BEEF SCRAPS

Get our list for special quotations. We can save you money in feed and make you money in eggs. Write to-day enclosing this advertisement.

Globe Elevator Co., 97 Kentucky St., Buffalo, N. Y.

Hill Crest Farms S. C. Buff Leghorns again win at Rockingham Fair, Salem, N. H.—1st hen, 1-2 cockerel, 1st pullet on four entries. Cumberland County Fair, Gosham, Me.—1-2 pair chicks on two entries. Brockton, Mass., Fair—on two entries, 2nd cockerel, 1st pullet. Prize winning young stock for sale at reasonable prices. Satisfaction Guaranteed.

HILL CREST FARMS, Box 86, NORTH GORHAM, ME.

BLUE ORPINGTON DUCKS

We beg to announce, to the poultry world the purchase of the entire flock of Blue Orpington Ducks of the Sunswick Poultry Farm together with all their winners and goodwill. It is our purpose to develop this flock extensively and we solicit correspondence from breeders of this choice fowl. **ROSELAWN FARM, J. H. Wendler, LAKELAND, FLA.**

Build Your Incubator and Save Money —Double Your Incubator Value

THIS announcement is for experienced poultrymen who want and appreciate the best incubator it is possible for them to get, and for those who are just starting in the poultry business seriously and want to start right. I say to you, do as 100,000 others have done and build your own incubator using my Acme Patented Incubator Fixtures, Knock-down Incubators and my FREE PLANS.

I Have Thousands of Letters Like This One.

"I have built twelve incubators from your plans and fixtures and sold six of them, keeping the others myself. I have up to date 2,156 Pekin ducks and 640 chicks. I don't think I have lost 5 per cent of ducks and chicks hatched. The incubators take very little care. The regulator when once set, holds the 100 mark from beginning to end, and the lamp is a big oil and time saver."

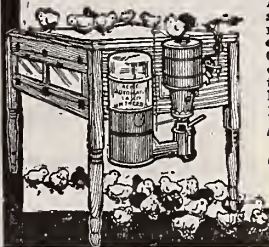
Wm. REDDISH, Salt Lake City, Utah.

Anybody can do the work. And I guarantee the incubator. Every poultryman knows Sheer's Fixtures. They are Standard. They are automatic and so simple and positive—there is nothing to get out of order. They afford automatic regulation of heat, ventilation and moisture—all uniform in egg chamber, on less fuel. My Perfected Acme Automatic Lamp maintains a constant oil level and has added to it this year my Crystal Glass Reservoir. Lamp can not overheat. Then there's my Tandem Double Compound Thermostat and my combined damper and flame regulator which keeps the flame uniform, stops fussing, saves oil hills, cuts out regulation troubles. These parts make any incubator a good incubator.

For Your Old Incubator.

You need not throw away the old machine if you do not want to. Get my

H. M. SHEER, Dept. 8, Quincy, Ill.



better fixtures, refit it and have better hatches this year.

My Peerless Lampless Brooder has no lamp—no bother—makes for healthy chicks. Thousands in use. Make it yourself.

MY FREE BOOK tells everything, gives plans for building at home, shows you the fixtures, shows you how to get higher percentage hatches. Send for it TODAY.

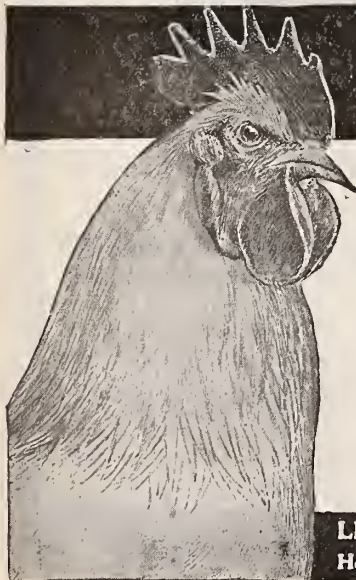


TWO FAMOUS POLEY'S "WORLD'S BEST" BUFF ROCKS

At the left is our first Cockerel at the Club Meeting at Boston, 1912; at the right is our first Cockerel at Madison Square Garden, N. Y., 1912. They were the sensation of these two shows and are considered by experts and fanciers to be the best two Buff Rock Cockerels ever bred. Our old stock is through moulting and is now in fine shape. We have on hand over two thousand young birds, many of them sons and daughters of these two noted winners, and we are better prepared than ever to furnish you with the exhibition stock that you will need for the Fall and Winter shows, or for your breeding pens. It will be to your advantage to write us for prices and description before purchasing elsewhere. Satisfaction guaranteed or money refunded.

Send twenty cents in stamps for our handsomely illustrated catalogue, the best Buff Rock Catalogue ever issued. It gives full information regarding our stock and our farm, testimonials, show records, photographs of our birds, etc. Address

LINFIELD POULTRY FARM, Box W, Linfield, Montg. Co., Pa.
Home of Poley's "World's Best" Buff Rocks, ANGELO J. MYERS, Prop.
JOHN W. POLEY, Mgr.



SALE OF NORTHRUP MINORCA BUSINESS

On October 17, 1912, G. D. Curtis, president and treasurer of New York and New Jersey Poultry Farms, Inc., Orangeburg, N. Y., purchased from Geo. W. Hey, Raceville, N. Y., the entire stock and good will in the Black Minorca business that Mr. Hey purchased from Geo. H. Northrup & Son in May, 1909. The stock consists of nearly a thousand high-grade Minorcas, of which 400 are selected adult breeders and the balance youngsters of great promise.

An important phase of this transaction is that Marcus Allen Northrup, formerly co-partner with Geo. H. Northrup, his father, in the ownership of this celebrated flock of Minorcas, is the manager of the New York and New Jersey Farms, Inc., having erected this plant for Mr. Curtis some three years ago. The great advantages which Mr. Northrup's former knowledge of this flock gives to the present owners in mating their birds is very evident, yet the fact that he has been able to interest his father in the transaction is no less important to future patrons for he will be assisted each year in mating the breeding stock at the New York & New Jersey Poultry Farms by Geo. H. Northrup, founder of the strain and originator of Rose Comb Black Minorcas.

Northrup's Minorcas are too well and favorably known to require any lengthy comment, yet the following brief outline of their origin and history may prove of interest to readers who are not acquainted with it. The strain was founded by Geo. H. Northrup during the year of 1885. The Minorcas used in establishing this famous strain were championship winners which Mr. Northrup imported from England that year, and during the next three years, Mr. Northrup early recognized the advantages of the S. C. Black Minorcas, but his ideal was not realized till he had succeeded in originating a true rose comb variety.

Northrup's Minorcas have enjoyed a well earned popularity. His S. C. Black Minorcas having won a place of prominence through their ability to capture the blue for his customers, as well as from their well known productiveness. They are noted great producers of the large sized white eggs. His rose combs were equally popular from a utility standpoint and during fifteen years they captured a large number of prizes at Madison Square Garden, Boston, Philadelphia and Chicago.

In 1904 they received a great impetus through the record breaking sale of Victor for \$1,000.00, Headlight 3rd for \$500.00 and seventeen mates for \$1,900.00, making a total of \$3,400.00 for 19 birds. This sale included many of Mr. Northrup's winners of the previous

season and it was thought by some that Mr. Northrup would be unable then to maintain his great lead in the show room, but at the World's Fair, at St. Louis, the following autumn, he exhibited 17 birds, none of which had previously been exhibited, and won 1st, 2nd and 3rd cock; 1st, 2nd, 3rd and 4th hen; and 1st and 2nd pen, being a prize of the highest order on each bird exhibited.

After Geo. H. Northrup & Son sold their Minorcas to Mr. Hey in 1909, Marcus Allen Northrup engaged his services to Mr. Curtis and commenced breeding Northrup Strain Minorcas on the New York & New Jersey Poultry Farms. He has so well succeeded that their stock of Minorcas is today as popular and as well and favorably known as any stock in America, still it is a matter of fact that there has never existed any rivalry between him and Mr. Hey because the demand for Minorcas has been so great as to exceed the capacity of both farms.

Mr. Hey did not sell this Minorca business because it had not proven a successful venture, but because he found the business so very confining that his profession suffered materially and he came to realize that it was impossible for a man to be a successful poultryman and a musical artist without letting one vocation prey upon the other, therefore he welcomed an opportunity to sell his Minorcas, especially when the financial consideration was considerable more than the price he paid.

***"Turkeys, their care and management," is the title of a book that treats of all varieties of the turkey. A copy sent post paid upon receipt of seventy-five cents ***

Smith Sealed. Prices postpaid 12, 30c; 25, 50c; 60, \$1.00; 100, \$1.50; 500, \$6.50; 1000, \$12.50.	LEG BANDS Leader Adjustable. Prices postpaid 12, 15c; 25, 25c; 50, 40c; 100, 65c; 250, \$1.50; 500, \$2.75; 1000, \$5.25.
Write postal or order now. Satisfaction guaranteed. Address THE REYES-DAVIS CO., Inc., Dept. 545 Battle Creek, Michigan	SAMPLES 500, \$2.75; 1000, \$5.25.

BABY CHICKS From Standard bred winners at New York, Chicago, Boston, St. Louis and Cleveland. Egg record 280. Every chick guaranteed. Barred, White and Buff Rocks; Brown, White and Buff Leghorns; Black, White and Buff Orpingtons; White Wyandottes; E. I. Reds; Black Minorcas; Anconas; Ialy I.R. Ducks. Safe arrival guaranteed. Price 8 cents up.

FIRELESS BROODER made of double wall air cell, waterproof cardboard, covered with galvanized steel, guaranteed to last a lifetime. Price \$3.00.
INLAND HATCHERY, ATTICA, OHIO

HALF PRICE

After May 10th, all eggs from trapnested, heavy-laying White Wyandottes will be \$3.00 per setting, two settings for \$5.00, \$10.00 per one hundred.

J. C. DINSMORE & CO., Props.
 Hillcrest Poultry Yards, Kramer, Ind.

THE CORNING EGG FARM

BOUND BROOK, NEW JERSEY

Breeders of *THE* Strain of S. C. White Leghorns is To-day Greater Than Ever. Thousands of people have been helped to start right, and as many more have increased their profits in poultry raising by purchasing Corning Stock and following Corning advice. Send for **FREE ILLUSTRATED BOOKLET** and get facts about incubators which may save you many dollars. You will then know why we were obliged, this past season, to hatch thousands of eggs at a nearby farm, in lamp incubators, when we had installed hot water incubators, with a capacity of 15,600 eggs, in our own new cellar.

PULLETS AND COCKERELS FOR SALE

For the first time we are offering a limited number of pullets for sale. They are the largest and finest we have yet produced. Also large, vigorous breeding cockerels. Booklet gives pictures and prices. Write to-day for it. The **CORNING EGG FARM BOOK**, a complete treatise on successful poultry raising, beautifully illustrated with photographs and diagrams of every building and article of particular consequence on the Farm, bound in strong cloth covers, mailed, postage paid, on receipt of price, \$1.00. It will save any breeder many times its cost.

THE CORNING EGG FARM,

BOUND BROOK, NEW JERSEY

MAPLE FARM OF MIDLOTHIAN

Specialty Breeders of

WHITE PLYMOUTH ROCKS

Our recent victory at the Illinois State Fair, where we won 1st, 2nd, 4th and 5th prizes on cockerels, 1st, 3rd and 5th prizes on pullets and 3rd on pens. Showing only young birds, speaks volumes for the quality of our young stock.

We have several hundred young birds here now, in the Pink of Condition, and with Quality to Win at any Show in America.

We also have several hundred grand pullets to sell at very fair prices, that are ready to lay and will make very excellent breeders next Spring.

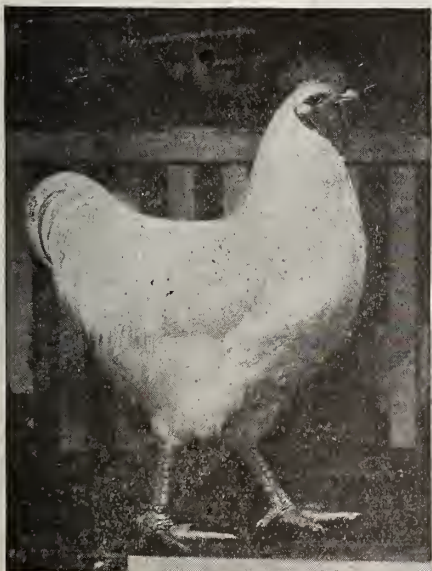
Also several hundred large, vigorous cockerels that will infuse the right kind of new blood into your flock.

One of our Pens of 12 Pullets and a Cock Bird, or 12 Hens and a Cockerel for \$40.00 will prove a profitable investment. They will keep your breakfast table supplied all winter long with plenty of large, brown, delicious eggs and you can rear from them as many choice birds as you like, next Spring. Our Breeding Pens are tried and proved by trap nest records. Our catalog tells the whole story from beginning to end. Yours for the asking if you mention this paper. Satisfaction absolutely guaranteed.

CHARLES D. ETtinger,

R. R. Station, Midlothian, Ill.

P. O. Box 35, Tinley Park, Ill.



EDITORIAL NOTES AND COMMENT

WILLIAM C. DENNY

— ASSOCIATE EDITOR —

We have received from Secretary Geo. O. Brown, copy of the premium list of the fifth annual Baltimore show. We are glad that the men who have contributed towards the success of the Baltimore shows in the past will again be in charge of the coming exhibition. The Baltimore show through the progressive policy and management has taken its place among the leading poultry exhibitions of the United States in a comparatively short space of time. It is the only large show in the United States that draws any considerable number of entries from the southern states. This it does because of its geographical location. Anyone who has ever attended the Baltimore show in the Fifth Regiment Armory building knows that it is no idle statement to say that it is the best arranged show in the country. The Armory has an unobstructed floor space of 60,000 square feet, which permits wide aisles, single tiering and one bird in a coop. An abundance of overhead light is one of the features of the hall.

Geo. O. Brown, who has so ably filled the office of secretary since the organization of the present association, has had wide experience in conducting poultry shows. He was secretary of the Maryland Poultry Association as far back as 1875 and helped to make the third annual Baltimore Poultry Show in 1876 a success. His splendid executive ability has been largely responsible for placing the Baltimore show in the front rank of the poultry shows of America.

Geo. Urban, Jr., whose entries of poultry at leading shows have won many blue ribbons and whose owner takes a just pride in his splendid collection of fowls, is not the only one at Pine Hill, just over the city line from Buffalo, N. Y., that breeds blue ribbon winners, for his son Geo. P. Urban, went to the New York

Horse Show in November, and captured two blue ribbons with the famous stallion, Peter Pilot, and a beautiful mare, Fata-Custer. The air at Urban Farms seems to be productive in breeding blue ribbon winners, not only in poultry, but in other lines of live stock.

—O—

Eight consecutive annual shows, have served to establish Cleveland as

one of the strong, representative poultry shows of the United States. Entries come from every direction and particularly from the states bordering Ohio. The exhibitors include many of the best known poultrymen of America, while as for quality, old time breeders and judges have frequently remarked, "I never saw better birds anywhere." The management of the Cleveland show includes many prominent breeders of the Buckeye State, who have managed the business affairs of the association in a progressive manner. Exhibitors are always assured of a large attendance, and in this respect no other poultry show in the country surpasses Cleveland. Prize money is paid promptly to exhibitors during the week of the show. The poultry judges this year are J. H. Drevenstedt, Thos. Faulkner, Chas. McClave, Richard Oke and H. P. Schwab. The show will be held January 20-25, 1913, in the big Central Armory. Entries will close promptly on January 8th. Copies of the premium list can be obtained by addressing J. T. Conkey, Secretary, 218 American Trust Bldg., Cleveland, Ohio.

—O—

Carl S. Byers of Hazelrigg, Ind., has been engaged to judge the Black and Buff Orpingtons at Madison Square Garden this month. We believe this is an excellent move on the part of Secretary Crawford to recognize the western poultry fancy by bringing one of its best judges to officiate at America's greatest show. We have always been of the opinion that more western judges should be employed at eastern shows and vice versa, eastern judges to select the awards in some of the classes at western exhibitions. It will serve to unite the poultry fancy and bring about a better feeling among poultry breeders in both sections. In other words, it will wipe out all sectionalism and create more uniform standard of



While her plumage is somewhat ragged and shows the strain that she has undergone, yet this hen is the picture of health and vigor and looks ready to again enter the fray. The record of 281 eggs in one year made by "Lady Showyou" in the Egg Laying Contest, held under the auspices of the Missouri State Agricultural Department at Mountain Grove, Mo., is the highest official record ever made in the United States, and considering weight of eggs, uniformity in size and shape, quality of shell, etc., is probably the greatest ever made in any country. Her eggs averaged a trifle over two ounces each, making a total of approximately twenty-eight pounds, or over three and one-half times her own weight, a remarkable performance when we take into consideration the quantity of food she had to assimilate to produce this amount of eggs and also to supply her physical demands to keep in condition for this severe strain. (See page 97.)



= BUFF ORPINGTONS =

BIG WIN AT LOUISVILLE

Memphis, 1910, Nashville, 1911, Louisville, 1912, I won all firsts and seconds—no breeder in the Nation ever hopes to break this record. Chicago—the continental studio of the fancy, I won more firsts the last three years than any exhibitor—this for your consideration when seeking real Orpingtons. Hundreds of show birds ripening. 500 first class breeders ready to ship out. Send for the big free Catalogue—The Orpington Fashion Plate Book.

A. E. MARTZ, Buff Orpington Specialist,

Box E,

ARCADIA, IND.

judging. With such able and experienced judges as W. S. Russell, James Tucker, W. C. Pierce, O. L. McCord, C. V. Keeler, Carl S. Byers and others in the west, eastern show managers will help the good work of solidifying the American poultry fancy by the employment of the well known reputation of those mentioned above.

Judge Byers has rapidly forged to the front as a breeder and judge of Orpingtons, his services being in great demand by leading shows. After completing his work at Madison Square Garden, Mr. Byers will go direct to Los Angeles, California show, where he will act in a similar capacity, which is "going some" to say the least.

—O—

We are requested by Henry D. Riley, the well known secretary of the American Barred Plymouth Rock Club to publish the following notice regarding that club's next meeting:

"The annual meeting of the American Barred Plymouth Rock Club will be held at the show of the South-Eastern Poultry Association, at Charlotte, N. C., Saturday, January 11th, 1913. Two hundred dollars will be offered in 'Specials' and everything gives promise of a large and enthusiastic meeting. The club is in a flourishing condition and many new members are being added to our list every day. The popularity of the Barred Plymouth Rock was never greater than it is today. New Breeds come and have their admirers and their booms, then sink to their proper level. The old and reliable Barred Plymouth Rocks have been leaders in the race for more than fifty years. They are America's most popular fowl. More Barred Rocks were exhibited at the shows of the United States during the past year than any other variety. All breeders are invited to become members of the American Barred Plymouth Rock Club, the leading specialty club of America. It will be to your best interests to join. Membership fee is \$1.00."

In holding its annual meeting in the south, the American Barred Plymouth Rock Club makes a progressive move. At the present time a wonderful interest is being given to poultry breed-

ing by the people of the southern states, and the many exhibits of breeders of eastern and central western states at the big state fairs and best winter poultry shows is responsible for this, to a considerable degree. The south has numerous advantages for poultry breeders. Its mild climate permits early hatching, and a consequent early maturity, from six to ten weeks before the young stock of northern breeders.

Housing need not cost so much, and being able to have free range practically the entire year, reduces the cost of feeding.

The Barred Plymouth Rock has been a favorite with southern poultrymen when breeders of other sec-

MINEOLA STRAIN

Buff Wyandottes

L. D. HOWELL,

MINEOLA, N. Y.

BAILEY'S CHAMPION SINGLE COMB REDS

Winners at New York and Challenge Cup at Boston. Forty superb exhibition and breeding Cockerels for sale.

A. S. BAILEY,

COBALT, CONN.

Urban Farm ChampionsWHITE ROCKSMOTTLED ANCONASBLACK LANGSHANSSILVER andGOLDEN CAMPINES

URBAN FARMS,

We will spare a limited number of yearlings and well developed youngsters in

White Rocks, Anconas and Black Langshans

bred from our prize winning strains.

WRITE YOUR WANTS AND LET US QUOTE YOU PRICES*We Are Booking Egg Orders Now.*

Pine Ridge,

BUFFALO, N. Y.

THE FINEST CHICKS HATCHED IN 1913

Will Come From the

The Everlay Farm S. C. W. Leghorns

365 days in every year our stock is cared for with one object in view—the production in season of sound, vigorous chicks, eggs for hatching that are a credit to us, and high grade utility and beauty breeding stock. We have the plant, the experience, and one of the most uniform flocks of breeders in the world. From January 1st to December 31 we are on the job, and our customers are sharing with us the benefits of correct breeding, housing and feeding.

Stock, Eggs, or Day Old Chicks, purchased from us have the necessary constitutional vigor to stand extreme forcing for egg production, or if used for breeders will prove unusually satisfactory

1700 Selected Breeders**4000 Chicks per week**

We were 30,000 chicks short of the demand last season. This year we have increased our capacity, and built one of the finest hatcheries in the east. Every Egg and Chick we ship is from our own selected stock, and we can promise you "Prompt Service" if you order NOW.

CHICK PRICES—\$115 and \$135 per 1000. \$12 and \$15 per 100. Early or late hatches just the same price.

Our new catalog will be ready to mail about December 1st. Every one who is interested in securing a strain of birds that are second to none as profit payers should send for it at once.

Address

THE EVERLAY FARM,**METHUEN, MASS.**

BUFF



WHITE



BLACK

ORPINGTONS

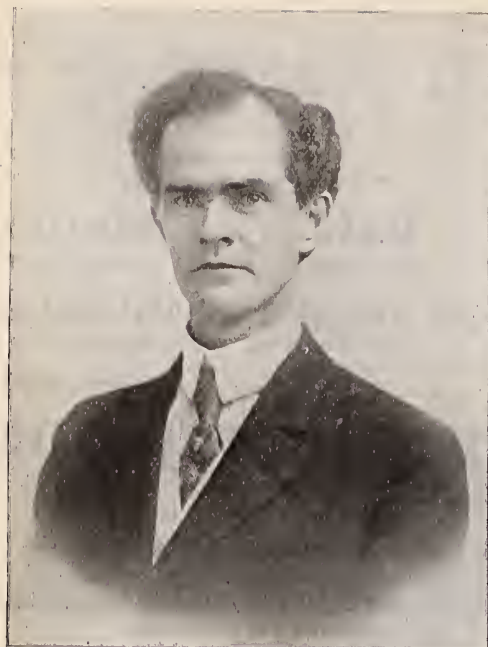
BUFF, BLACK AND PEARL WHITE

I HAVE more Orpingtons of real quality today than I have ever found caged in any five Shows in America to date. I am directing this information to those who are familiar with true values and Orpington characteristics as well as to the amateur who wants the best.

Exhibition Males, \$25, \$50 and \$75.**Exhibition Females, \$20, \$35 and \$50.****Exhibition Pens, \$75, \$100 and \$150.**

Write or wire your requirements early, thereby allowing ample time for the perfect training and conditioning of your birds before shipment.

Absolute Satisfaction Is Guaranteed You.**C. S. BYERS,****Orpington Specialist 14 Years,****Hazelrigg, Indiana**



T. E. Quisenberry, Secretary Missouri State Poultry Board and director of State Poultry Experiment Station, Mountain Grove, Missouri, under whose personal direction the Egg-Laying Contest in Missouri was held.

tions were following the various booms of other varieties that have taken place from time to time, and, it is but fitting that the specialty club that is fostering the pioneer variety

of American breeds should recognize the south by holding its annual meeting at one of the oldest shows in that section.

—o—

Louis Lee Haggin made the record of the season with his S. C. White Orpingtons, when at the big Dallas (Texas State) Fair they won the following prizes: 1st, 2nd and 4th cock; 1st, 2nd and 5th hen; 1st, 2nd and 3rd cockerel; 1st, 2nd, 3rd and 4th pullet, and 1st and 2nd pen in a class of 153 birds, Chas. V. Keeler judge. Mr. Keeler pronounced Mr. Haggin's string to be the strongest and most uniform S. C. White Orpington exhibit he had ever handled.

Mr. Haggin is owner of Russell Cave Poultry Yards, Lexington, Ky. He has been a breeder of White Orpingtons for a number of years. Russell Cave Poultry Yards is a part of the famous Elmendorf Farm, whose fame as a horse breeding and cattle breeding establishment extends around the globe. It comprises over eight thousand acres, one hundred of which are devoted to poultry. Raising White Orpingtons is a business with Mr. Haggin who gives personal attention to every detail. He has is-

sued a splendid catalogue that he will be pleased to send to every person interested in White Orpingtons.

—o—

During the past decade wonderful progress has been made in the art of illustrating and color printing. Now processes have been discovered, and new methods invented, which are doing much to revolutionize the art, simplify the work and make it more beautiful. The Huebner-Bleistein Co., of Buffalo, N. Y., at their magnificent new plant, invented a new process of lithographing, and in order to show by examples the advantage of their process, by different lines of work, decided to include poultry, and accordingly arranged with Geo. Urban, Jr., of Pine Ridge, Buffalo, N. Y., to reproduce a list of more than twenty of Mr. Urban's prize winners. Mr. Urban has had these subjects bound together in a booklet, which will not be used as a selling catalogue, but as a souvenir only. As but a limited number of these booklets have been printed, they will not be used for free distribution, but will be sent complimentary to Urban Farm's customers.

A. P. W. has been favored with a copy of this booklet, and while admitting there is room for improvement in the process, a most creditable work has been turned out. One of the most realistic subjects is the cover design showing a bushel basket full of prize ribbons that have been won by Mr. Urban's exhibits at the Madison

Most Popular Fowl Today

is the fowl that ever since its first introduction has proven to be the BEST EGG PRODUCER, the BEST TABLE FOWL in fact the BEST GENERAL PURPOSE FOWL ever bred. You have all these essential qualities in

U. R. Fishel's White Plymouth Rocks

Bred in line for the past twenty years for egg production as well as Standard requirements. Our WINNINGS AT 22 LARGEST SHOWS and 5 INTERNATIONAL EXPOSITIONS proves without a doubt their superiority in every way and concedes their claim of

"The Best in the World"

EGGS FOR HATCHING—SELECT MATINGS

\$10 per 15, Sale Stock Eggs \$10 per 100, \$6

per 50. BABY CHICKS—\$25 per 100, \$15 per 50, \$8 per 25.

U. R. FISHEL,

Box B,

HOPE, IND.



Square Garden and Buffalo Poultry shows. Beautiful examples of prize winning White Rocks, Black Langshans, Silver Phoenix, Mottled Anconas, Golden and Silver Campines and Black Tailed Japanese Bantams are illustrated. It is by far the most note-worthy effort in illustrating modern Standard-bred poultry that we have seen attempted, and those who are so fortunate as to receive a copy will surely prize and preserve it. Mr. Urban is to be congratulated upon his enterprise.

—o—

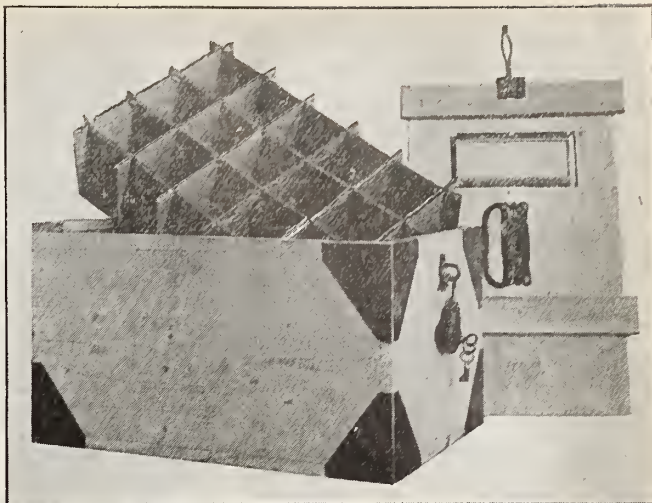
A. P. W. is pleased to announce the appointment of F. G. Cook, as superintendent of Grove Hill Poultry Yards, Waltham, Mass. Mr. Cook succeeds A. C. Smith, who resigned to take charge of the poultry department at the Minnesota Agricultural College, as announced in A. P. W. last month.

Mr. Cook has been in charge of the Barred Rock plant at Grove Hill for the past four years and has enjoyed the full confidence of owner, Wm. Ellery Bright, and former superintendent Smith. While still a young man—the gray hairs have yet to come—Mr. Cook has had wide experience in handling and breeding Standard-bred Barred Plymouth Rocks as is shown by the following extract from a recent letter:

"It was 28 years ago this fall that my father purchased for me a trio of Plymouth Rocks, as they were called in those days, and from that time to

the present there has never been a moment that I have not been actively engaged in breeding this variety. These birds were of the M. J. Ellis stock, which line was a well known prize winning line at Boston at that time. Before then we had Plymouth Rocks at the home place, in fact it is rather interesting to note that birds on our village farm were lineal descendants of the original Upham stock. Mr. Upham sold some of his early birds to Mr. Loring. Mr. Loring presented a trio of those birds to a friend, who was also a friend of my father's, and this friend gave my father stock or eggs from his original trio. We thought little of the characteristics of the birds in those days, other than that they were exceptional layers and A No. 1 market stock."

In addition Mr. Cook has also bred Buff, White and Partridge Rocks,



With the advent of the Parcels Post suitable receptacles for the proper transportation of eggs will have to be devised if poultrymen are to secure full benefits. With this in mind we secured from Germany, where large quantities of eggs are transported by post, the box from which the above illustration is a reproduction. It is constructed of $\frac{3}{8}$ inch material, has iron bound corners, a detachable cover that is provided with chasp and lock also a place for holding tag with address. This size is made for thirty eggs and is provided with two corrugated paper fillers holding fifteen eggs each, these fillers are not unlike those used in the modern eggs-for-hatching boxes in this country.

Rose and Single Comb Brown Leghorns and a number of other varieties. Mr. Coakley who has had charge of the S. C. Brown Leghorns at Grove Hill will remain in charge of that variety and act as first assistant to Mr. Cook.

U. R. Fishel's White Plymouth Rocks

At no time since we have bred Fancy Poultry have we been in as good shape to take care of your order as we are at this time. **SELECTED BREEDERS** of the choicest quality with **BLOOD LINES** behind them that no other White Rock breeder can give you. Over 1000 **SELECTED COCKERELS** that will stamp that Fishel Quality on your flock. **EXHIBITION BIRDS** good enough to win anywhere and at prices you can afford to pay. Our birds this season in the hands of our customers have **WON MORE PRIZES** than all other Strains of White Rocks combined. **UTILITY FOWLS** in any numbers. **STRONG, VIGOROUS**, farm reared birds that have the vitality to stand confinement and at the same time give you the very best results in egg production. No fowl will do as well in Philo Coops as the Fishel White Plymouth Rocks.

Send 25 Cents for 64 Page Catalog, the Most Instructive Poultry Catalog Ever Issued.

This Book tells how to start right in the poultry business, how to feed for eggs, etc.

Worth Dollars to anyone.

U. R. FISHEL,

Box B,

HOPE, IND.

The 13th annual show of the Fan-
ciers' Association of Indiana, will be
held at Indianapolis, February 3-7,
1913, under the rules of the American
Poultry Association. The A. P. A. new
prize ribbons bearing the American
Poultry Association emblem, will be
used. Valuable specials including a
\$25.00 silver cup is offered on all va-
rieties of poultry. There will also be
a \$100.00 silver cup for best display
and the usual liberal cash prizes.
Empire coops will be used. The
judges on poultry are Pierce, Kummer,
McClave and Cook. The Fan-
ciers' Association of Indiana is one of
the oldest poultry associations in the
country. Its membership includes
more than 100 well known poultry-
men of Indiana and adjoining states.
Secretary C. R. Millhouse, Lebanon,
Ind., will furnish information and ad-
vertising matter to all interested
persons.

—O—

J. H. Wendler, proprietor of Rose
Lawn Farm, Lakeland, Fla., an-
nounces the purchase of the stock and
good will of the Blue Orpington Duck
business from Sunswick Poultry
Farm. This is one of the finest and
largest flocks of this variety in the
United States and includes 15 first
prize winners. The Blue Orpington
Duck is a first class utility duck, being
an excellent layer and having excel-
lent qualities as a market duck. It is
Mr. Wendler's intention to develop the
many excellent qualities of this well
known strain. He will be glad to
hear from Sunswick Farm's old cus-
tomers and intending buyers.

The Aldrich Poultry Farm, 4075,
North High Street, Columbus, Ohio,
have consummated four big deals the
past thirty days and now besides their
own big flock of winners, are owners
of the winning strings of White Or-
pingtons and entire flock together
with the good will, formerly bred by
Rogers Poultry Yards, E. B. Rogers,
proprietor, Cincinnati, Ohio; the
White Orpingtons belonging to Sun-
swick Poultry Farm, South Plainfield,
N. J., the crack string recently owned
by Dr. C. C. Goodes, Marcellus, Mich.,
and last but not least, the noted Eng-
lish string belonging to L. E. N.
Rawnsley, formerly with Hobury &
Bates, before they sold out to Miss
Carey. Mr. Rawnsley has taken an
interest in the Aldrich Poultry Farm
and will bring his entire flock to
Columbus. He has the record of be-
ing the only man who ever bred two
youngsters that won two firsts in one
season at the Dairy Show in England.
The Messrs. Aldrich are to be con-
gratulated for their enterprise and
they will now have one of the biggest
institutions of its kind in the country.

The American Single Comb White
Minorca Club will hold their annual
meeting at Madison Square Garden,
Thursday, Jan. 2, 1913, at 2 P. M. A
Silver Cup, cash specials, ribbons, and
many other specials will be offered at
this exhibit, which promises to be a
large one. S. C. White Minorcas are
gaining friends rapidly. Our club
catalogue will be sent if you write.
New members are coming in right
along. Lovers of this breed are invited
to join us. C. Augustus Raschke,
Sec-Treas., Kingston, N. Y.

Let Neubert Send You His New Incubator Book—FREE

NEUBERT has had 19
years experience
raising poultry and
making incubators.
He started making incu-
bators after he found so many
others were failures. He
made a big success with
his own machines—and
since then, thousands of
others have made big
money with Neu-
bert's Incubators.

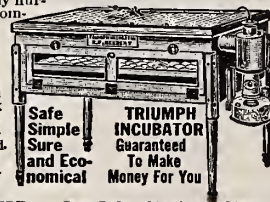
The
Triumph
Book will
Save You
\$5.00
or More



But this year,
Neubert caps the climax. He is mak-
ing the grandest incubator ever turned
out of a factory. Let him prove it.
Send for his new book and a postal will
do. The book is free.

1913 TRIUMPH Neubert's Masterpiece

Don't you want to read all about the new
Triumph? It is sold direct from factory, at a
price that saves you \$5.00 or more. Built for
many years service and greatest profits for
beginners as well as "old timers." Has triple
walls of Redwood, Basswood, Dead air, Asbestos
and Building felt. Combination Hot water and
Hot air heating system. Regulator that copies
nature. Comes all complete with strong egg-
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NOW send
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me person-
ally NOW.



R. F. NEUBERT, Box 762 Mankato, Minn.

E. B. Thompson's Imperial Ringlet Barred Plymouth Rocks

The Finest Show Birds in All America Are Here on My Farm Today

I invite you to come to see them at their home—on their native ground—you can
spend the day among show birds fit to win anywhere—they meet you at every turn
on the farm. Visiting breeders and experts who have come thousands of miles this
fall say they are the best they ever saw or ever expected to see. One prominent breeder
said when here: "I did not think it possible for one man to produce so many high
quality Barred Rocks in one year." He is one of the many men who are finding that
this great specialty farm has a larger scope than others of its kind.

You Can Enjoy the Great Pleasure of Winning Cups and Prizes If You Have My Birds

I have furnished First Prize winners for a great many of my customers this fall
and will furnish First Prize winners for a great many more customers for the coming
shows. I would like you to be one of these pleased customers. I can sell you show
birds for any competition—the stronger the better.

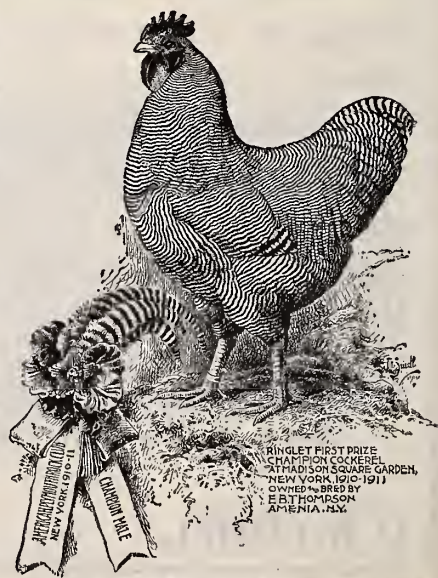
Exhibition cockerels, yearling cocks, hens, pullets and exhibition pens for any
show in America, and selected from my thousands of Imperial "Ringlets." Elegant
breeding birds of the finest First Prize New York blood at reasonable prices. Write
me your needs and I will help you—I will take a warm personal interest in your
success.

Richly illustrated 70-page catalogue upon application, it is full of pictures of
New York winners from life. Address

E. B. Thompson

Lock Box 330, Amenia, N. Y.

See my other ad. on back cover page.



"Ringlet" First Prize Cockerel and Champion
Male at Madison Square Garden,
New York, 1910-11.

YAMA FARMS

In the neat booklet issued by Yama Farms, I read: "In the Shawangunk Mountains at the lower span of the Catskills, 1,000 feet above the sea, are Yama Farms, a part of an estate known as Yama No Uchi. This Japanese name means home in the mountains." I found this to be true and exquisitely so, as this great poultry farm is not only in the mountains, but it is so situated that a fine view of the mountains is afforded, and this was greatly enjoyed by me upon the occasion of my recent visit to Yama Farms. I had heard much of these farms, but was not quite prepared for all that I saw. The latest addition to the poultry houses is a model, it was just about completed, and it cost \$45,000. It is 350 feet long, divided into pens 15x15, has glass windows, as well as muslin curtains, has a concrete floor and the yards run through a young apple orchard. The conditioning house is about the finest I came across in my travels. It is divided into pens about 5 or 6 feet square. In these the promising specimens are placed in pairs, trios or pens. In some of the pens I saw some single male birds of great quality. They were mostly yearlings that were being carefully watched through their moult. I found that the colony houses were built on the Cornell type, were on runners and can be moved from place to place. Yama Farms consists of about 700 acres, 80 acres of this is encircled by a 10 foot fence. This area will be added to from time to time.

In company with Mr. Cosh I inspected the growing birds which numbered in the neighborhood of 5,000 or more. The aim of Yama Farms is to have a great utility farm, the main feature of which is to supply New York parties with strictly fresh eggs. As they firmly believe the time is coming when eggs will be sold for weight, they selected the S. C. Black Minorcas as the fowl best

suited for their purpose, and I believe they have one of the best flocks of S. C. Black Minorcas in America. They lay eggs that average 25 oz. to the dozen, and lay many of them. They are also unequalled as exhibition birds, always winning their share of the prizes. I believe the S. C. Black Minorcas will forge more rapidly to the front now that Yama Farms have become identified with them. I was surprised at the great quality of the young stock of Barred Plymouth Rocks. Here is where the master hand of Newton Cosh comes in. When he came to Yama Farms he had not only choicest specimens of the great Pine Top Farm to work on, but he also brought with him and added to the flock males and females of the great fluffy ruffles strain. With this material to work on Mr. Cosh put together some matings, the result of which have never been surpassed in the history of scientific Barred Rock breeding. I saw some pullets that were a revelation. I also handled some cockerels that Mr. Cosh was preparing for Madison Square Garden, and I will just mildly intimate that Yama Farms will be heard from in the Barred Rock alley, at the world's most famous show. The feature of the Barred Rocks now upon Yama Farms is their extraordinary color, the barring is so bright and snappy. Business is very good with them and they are in good shape to handle a large volume. They have the quality in exhibition birds and they also have the quality to sell you breeding birds. One of their S. C. Black Minorca cockerels crossed upon any variety will result in a strain that will lay large eggs—eggs if sent to the New York market will secure you 5 cents more upon a dozen than the highest quality of S. C. White Leghorn eggs. If you desire winners for any show, Mr. Cosh knows how to select and fit them for you, and he knows how to mate them for best results. I found Mr. Cosh busily preparing a shipment of birds that were to go to

Valpariso, Chili, South America, it being the third order they had shipped abroad recently. I am quite confident of the future of Yama Farms and I can assure my readers that they are prepared to fill any order that is entrusted to their care. Send for their illustrated booklet, and address Yama Farms, Yama No Uchi, Napanock, Ulster Co., N. Y. G. W. T.

CENTRAL HATCHERIES

Poultrymen Find That They Offer A New Way to Make Money

Every poultry section is bound to have a Central Custom Hatchery and it is only a question as to who will be the first to start it in any of the sections left open. Having such an establishment is just as necessary as having a creamery in a dairy section. It is a sound proposition because it stands to reason that one man devoting his time to it, can handle the hatching better and cheaper than dozens of customers can in small machines. It is also natural that the farmers will take their eggs to the hatchery and call for their chicks paying a nominal sum, rather than to devote their attention for three weeks to watching a small machine. While the charge for a tray of 75 eggs usually averages only \$1.50 to \$2.00, in the aggregate in a so-called mammoth, this produces a very handsome profit.

As a guide and help for poultrymen, the Candee Incubator and Brooder Company, Eastwood, N. Y., has prepared a free booklet on Custom Hatching giving full directions and it will be sent free upon request.

* * * Properly constructed poultry houses are essential to success. Learn how to build them by purchasing a copy, "Poultry Houses and Fixtures." Fifty cents post paid * * *

THE BROZTELL

A Fireproof Hotel at Fifth Avenue and 27th Street, New York

One Block
from
Madison
Square
Garden

One block from
Broadway

Three blocks from
Flatiron Building

Two blocks from
Subway



Parlor, Bed
Room
and Bath
\$5, \$6 and \$8
per day

100 Rooms with
bath . . \$2.00

100 Rooms with
bath . . \$2.50

50 Rooms with
bath . . \$3.00

\$1.00 Extra is charged
when two occupy the
same room.

FRANK A. BROBST

EDITORIAL NOTES AND COMMENT

J. H. DREVENSTEDT
—STANDARD EDITOR—

Major Hugh A. Rose, Welland, Ontario, Canada, closed a remarkably successful fall show season with the Hagerstown show, October 14 to 18th, his winnings on Orpingtons and Ornamental Bantams amounting to several thousand dollars. The success of his grand string of birds so ably handled by his manager, Frank F. Conway, is due to the wonderful high class of the individual specimens exhibited. Major Rose's motto is "the best is none too good," so he sends the best he has even to the early shows, believing this to be the correct policy. The large amount of money won in prizes by his cock birds is the best evidence of the correctness of this policy. Major Rose and Manager Conway, both being expert breeders and showmen, put their charges in the best of condition and keep them so, even during the long fall show circuit. It is the attention and care of the birds, as well as the ability to breed and select winning specimens that have put Major Rose's Orpingtons and Ornamental Bantams at the top. A visit to his new 100 acre poultry farm at Fonthill, Canada, will convince every visitor of the high class stock and the intelligent methods of breeding and handling it.

—O—

Robert H. Essex, Chairman of the Market Egg and Poultry Standard, attended the National Poultry, Butter and Egg Association's annual meeting held in Chicago, October 28th to 29th, and returned to Buffalo well pleased with the work accomplished in the convention as well as at the progress made by his committee. All the members of the latter, excepting Mr. Foster, were present, the latter being unable to attend owing to illness. Mr. Essex is firmly convinced that much good will result from this joint meeting of his committee and the National Poultry, Butter and Egg Association as a better understanding between the producers and dealers in poultry and eggs is bound to result.

—O—

Editor Purvis in October Poultry Life remarks:

"There may be White Indian Runners which have no alien blood in their make-up, but if there are no one has risen to proclaim in a loud voice so every one may hear, just where they came from, who first kept them, and why they are better than the old-fashioned and more ornamental varieties.

"It has always seemed to us that the great secrecy observed about the origin of a new variety of poultry was unnecessary and uncalled for. William Cook told exactly how he produced the Orpingtons, and Lingren Brothers do not hesitate to tell how

they managed to make good Buff Minorcas. The introducer of White Indian Runners is too modest. Let him rise right up in the congregation and hold up his right hand, or sit still and use his right hand, either one, just so he tells the waiting public how he did it, and when and where and what blood he used."

Every right thinking and intelligent poultry fancier will subscribe to the above statement. The day is fast approaching when commercially interested manufacturers of new varieties will find it rough sledding on the road to public approval with a lot of half breeds of alien blood masquerading as new varieties of a standard breed, especially white ones. The White Plymouth Rock and White Wyandottes are true sports of the original Plymouth Rock and Wyandotte breeds and are justly entitled to the name they bear, no alien blood being used to produce them. If the White variety of Runners is a true sport of the English Penciled Indian Runner, as stated by some interested parties across the ocean, it deserves equal recognition with its parent variety. But if it has been the result of a cross, which many duck experts in America and England believe it is, the originators should not hesitate to make it known and keep the history of the White Indian Runner origin straight on the records.

—O—

Theodore Hewes, the militant editor of the Inland Poultry Journal, replies to our criticisms in October AMERICAN POULTRY WORLD of his attitude toward licensing women judges as follows:

"We notice our friend, Drevensstedt, thinks we had a grouch on when we reported the Nashville meeting. Perhaps so, Drev., but not sufficient to stay at home, and try to report it on the long distance plan, as you are doing. We know just how much you think of the judge's license. To you they have about as much value as a score card in the Garden show. No doubt the lady is as well qualified as many of the men to whom licenses have been issued, but do you want to establish such a precedent? You know the show work well enough to know that your sister or daughter would never ask for a license."

Our Hoosier friend is laboring under a false impression when he intimates that we were nursing a grouch at home. It is true, that we did not attend the A. P. A. meeting at Nashville last August; neither did we attend the A. P. A. meeting at Denver in 1911. The reasons for not doing so were that our annual vacation preceded the latter and succeeded the former meeting, so we had to deny ourselves the pleasure of attending

the A. P. A. convention for obvious reasons. Besides, we have never been on very familiar terms with "Old Man Grouch." Editor Hewes, however, is correct in stating that no sister or daughter of ours would ask for a license, but not for the reason assigned by him. The editor of the Inland concludes his reply with stating:

"Perhaps we have a grouch, as Drev says, but we try to tell things as they are and we believe we can find the joker in resolutions that are sometimes offered, and down in that little old state of New York, where our friend holds forth, there are a lot of people who have a great deal less use for the A. P. A. as at present conducted than the editor of The Inland."

No fault can be found with an editor who tells things as they are or who can expose "Jokers in resolutions," as long as he confines himself to the facts and does not resort to veiled insinuations. That the A. P. A. is amenable to criticism no sane man will deny, but let us be honest and criticise openly and above board. That's the brand which works for the good of the old association. We know it is hard for an editor of a poultry journal, who is also a member of the A. P. A., to criticise the work of the latter, without incurring the wrath of some of its members. That was probably the reason the late A. M. Halstead resigned from the A. P. A. in 1876 when he became editor of the Poultry Bulletin. He wanted to be independent and free to express his opinions. What Theodore Hewes says regarding our "think" on the judges' license question we must admit as being absolutely true. We have always been of the opinion that the only license a poultry judge should hold, is the one granted to him by the public. This opinion is shared with us by many earnest and experienced fanciers, men who are devoted to the breeding and exhibiting of the highest class of standard-bred poultry.

—O—

In a letter received from a prominent American breeder of Cornish fowl, we are asked to decide the following question: "In your estimation and from your interpretation of the 1910 Standard, do you consider it a disqualification for a Cornish to have his wattles and ear-lobes cut off or trimmed? In the A. P. A. show rules it says 'all specimens shall be shown in their natural condition, with the exception of Games and Game Bantams.' Now Cornish are classified in the last Standard not as 'Games' but as 'Orientals.' Surely a bird with wattles and ear-lobes gone is not shown in his natural condition. Kindly give me your views on this subject."

The show rule quoted above does

LOYD'S PRIZE WINNING PARTRIDGE PLYMOUTH ROCKS

A Fine Lot of Breeders and Show Birds for Sale at Reasonable Prices. Catalogue Free.

LOYD'S PARTRIDGE ROCK YARDS,

GREENSBURG, IND.

not apply to Cornish cock birds as on page 233 of the 1910 American Standard of Perfection, under comb and face, reads, "Dubbed males deduct the full value of the comb."

In the latest English Standard the following note appears in the description of the head of Indian Game cock: "It is customary to exhibit Indian Game cocks after being dubbed—i. e. having their comb, ear-lobes and wattles removed and leaving the head and lower jaw smooth and free from ridges."

As a number of fine English bred Indian Game or Cornish cocks are imported from time to time from England, and these birds being dubbed, it was not deemed advisable to disqualify such specimens, but to handicap them with the full value of the comb, which is six points. This is a severe punishment and usually results in even a high class dubbed bird being placed below undubbed specimens that are inferior in quality.

Personally, we are not inclined to view with favor the trimming of ear-lobes, comb and wattles of Cornish or Indian Game cocks. Dubbing is simply an old practice in vogue with Pit Game breeders, followed by breeders of Exhibition Games and Game Bantams. While it may answer well enough for these breeds, it certainly does not add to the appearance of a Cornish male to have his comb removed.

—o—

American breeders of White Orpingtons will read with interest and perhaps with some satisfaction, the following criticism of the White Orpingtons exhibited at the recent Dairy Show held in England, which appeared in the Feathered World:

"The cockerel class was very disappointing, the majority of the birds being more or less yellow on the back.

"I have been a fancier for over forty years, and I never remember seeing so many birds with deformed and misshapen combs in any class of any breed, but what astonished me more than anything was that such birds should receive a card. One of the awards had all the serrations of the comb curled over on one side. This is a matter that should concern the serious attention of White Orpington breeders. The pullet class were a splendid lot of birds, but the winner although well shaped and a good color, had a large fleshy comb which should have thrown her out of the money entirely. Surely the great charm of a White Orpington pullet is

a small head and comb, which is so typical of the breed.

"If we are going to have birds awarded prizes and cards with these glaring faults, fanciers will not take the trouble of breeding birds with good combs. We all know it is easier to breed a good little one than a good big one.

"Most of those present thought Mr. Murray Lindner's pullet was an easy first, being a very large typical bird of exquisite color, and this bird was thought by many breeders to be the best Orpington in the show.

"Messrs. Whittaker and Tootill's third prize pullet was indeed a sweet bird of exquisite purity of color, and ran Mr. Lindner's bird very close.—Frederick Chatterton."

Orpingtons of the kind awarded prizes at one of England's great shows would not be looked at by American judges, even at our county fairs. Poor combs are considered most serious defects in the United States of America and rightly so.

—o—

As Blue Wyandottes are becoming quite popular in England, and several breeders in the States and in Canada are at work building up strains of this new member of the Wyandotte family, the following interesting report of the Blue Wyandottes at the Dairy Show, written by J. N. Williamson, for the Feathered World, should prove a good guide for the proper color breeding of the Blues to American breeders:

"I notice your reporter's descri-

minating remarks re the Wyandottes at the Dairy Show, but, like more, he lapses a little in his remarks on the winning cockerels. He says: 'In

Exhibition Birds



that will win at any show on this Continent. My birds have won the Highest Honors at Chicago, Baltimore, Indianapolis, Cincinnati, Indiana State Fair, Tennessee State Fair, Tri-State Fair and many other shows of prominence. I have also scores of

Grand Breeders

bred from above winners and birds that have also won at these shows; which I would like very much to place one or more in your yards for the

Improvement

of your flock, as breeders, show birds, layers, and also in vitality. I truly believe that my strain are the very Best Layers of this breed, and their vitality the Highest. If you are interested in America's Best Cochins Bantams (Black, Buff, Partridge, White) Write for prices.

WAHEBE BANTAM YARDS,

W. Besuden, Prop., Box 359R, CINCINNATI, OHIO

ROCKLAND WHITE ROCKS

Winners at Madison Square, Philadelphia, Baltimore, Hagerstown and Allentown. Have one thousand young stock to dispose of before moving into winter quarters. Satisfaction guaranteed. Write your wants.

ROCKLAND FARM, D. Lee, Prop.,

Box 2,

BENSON, MD.

FOXHURST FARM CHAMPION BLACK and WHITE ORPINGTONS



FOXHURST FARM,

FOXHURST means a consistent every year winning strain. A strain that has produced for us and our customers more winners for the past seven years at America's leading shows including Madison Square Garden, New York, Baltimore, Boston, Philadelphia, etc., than birds of any other strain. We are ready to supply early winning slow birds, large, deep, blocky fine colored specimens. Beetle green Blacks and bred to stay white Whites. The best we have ever raised. Guaranteed Winners at Reasonable Prices shipped on approval.

Box W,

LIME ROCK, CONN.

Bird's Partridge Plymouth Rocks

SETTING THE PACE SOME MORE

HAGERSTOWN, 1912—Cocks, 1, 2, 4, 5; Hens, 1, 2, 3, 5; Cockerels, 1, 2, 4, 5; Pullets, 2, 3, 4; Pen 1. Best show of this variety ever seen at Hagerstown. 65 birds in the class.

MADISON SQUARE GARDEN, 1911—At the greatest Partridge Rock Show in quality and numbers (102 birds) ever held. Our birds won Cocks, 1, 2; Hens, 1, 4; Cockerels, 1, 2, 4, 5; Pullets, 1, 2; Pens 3 and all specials. The very best exhibition and breeding stock always for sale. Single birds \$3 up.

GIANT BRONZE TURKEYS. THE WORLD'S LEADING STRAIN.

HAGERSTOWN, 1912—Our Bronze won 4 firsts, 3 seconds and 3 thirds.

MADISON SQUARE GARDEN, 1911—Our Bronze won 3 firsts, 3 seconds, and 4 thirds. The grandest exhibition and breeding birds ever offered. Special prices to January, 1913. Single birds \$5 up.

SATISFACTION GUARANTEED.

Bird Bros.,

Box H,

Meyersdale, Pa.

First Prize Bronze Tom, Madison Square Garden, Dec. 1911



First Prize Cockerel, Madison Square Garden, Dec. 1911



cockerels it appears that either light or dark tops will suffice, so long as even color, for the winner was quite dark and the second the opposite. The standard in vogue till this Dairy show allowed any shade of blue, but medium preferred with the tops as

point of light tops by a single vote or two, and finding, against all previous protestation, that the thing would not work, retired from that branch of the family.

"So the following resolution was carried at the Dairy Show general



The above view shows a portion of the chick range at the Wahebe Bantam Yards, Cincinnati, Ohio. These yards cover several acres and the generous range of blue grass and sweet clover makes an ideal place to grow "America's Best Cochins Bantams". The incubator and brooder are unknown at the Wahebe Yards, all hatching and rearing being done by the mother hen.

nearly the same shade as can be got, but it strictly prohibited straw color and aims at blue down to the skin.' Therefore, 'light or dark tops will suffice' does not quite hit the mark. It was the general soundness of the winning cockerel—which is certainly, in the estimation of Blue Wyandotte men present, the best so far bred—that placed him, in spite of not being fully matured, before the second, which is a noble bird in shape, size, etc., but rather pale and not quite sound in blue.

"There has been disappointment over the light, washy character of the blue, and it was felt that critics and outsiders did not admire the pale silvery tone, and continentals send us such birds back again and wont have them at any price to say nothing of the fact that such birds breed nearly white, unless mated with a very dark hen. That something must be done to counteract the mischief done by former members of the club, when in the referendum they won their

meeting of the club: 'Color of the cock to be a rich, deep, clear blue (free from lacing and smokiness), this to count before the lighter or silvery shades or smoky; the top color of the cock to be a darker blue; not black; to be free from all sandiness, white straw, chocolate, or any color, but blue. Hen; rich blue, clear from smokiness; the neck hackle to be the same shade as the body and yellow legs, imperative even at the cost of some lacing.' This, I take it, is the original standard formulated by the originators and I am satisfied it will bring a large access of breeders into the Blue Wyandotte fancy."

We trust our American Blue Wyandotte breeders will carefully read the above suggestions regarding the proper color of the new variety before a Standard is adopted, as some fanciers are working along different lines altogether, in fact, they are trying to adopt the same color markings of the

Andalusian fowl, which while exceedingly handsome presents too many difficulties in breeding exhibition specimens for the average poultry fancier. A breed or variety that breeds true to color with an average of only 40 to 50 per cent., is not calculated to become widely popular. The application of Mendel's law might help somewhat, but few breeders will be satisfied to practice a system of mating that admits various colored birds in the breeding pens. Whether an all blue plumaged fowl, that will reproduce itself will ever be obtained, is doubtful, as all attempts in the past have failed to fix the so-called blue pigment with any degree of permanency.

—O—

W. B. Atherton, under date of November 8th, writes: "Boston Show correspondence is getting to be something fierce, worked until 10 P. M. last night answering letters." This indicates a bumper show for Boston in January, one of the greatest ever held in the city of culture. Manager Atherton's great personal popularity to-

A Public Record

For a number of years I have been breeding

S. C. Buff Orpingtons

to meet a trade for high-grade table eggs. Five of these birds make an average of 172 in the **Storrs Egg-Laying Competition** just ended and

Win First Place

for breed and variety. These hens are reserved in a special pen for the coming season. All but three settings of these eggs are for sale and orders will be filled as received. Two orders booked now.

CHERRY LANE,

O. WILSON, CARLISLE, W. VA.



FIFTY REGAL VICTORIES

From all over the country reports of Regal winnings come pouring in. The list includes twenty State Fairs and over thirty other important exhibitions. For the Canadian National Exposition, Canada's greatest show, I sold Mr. A. M. Cameron, Beaverton Ont., 2 cocks, 2 hens and 2 pullets. His winnings were 1st and 2nd on cock, hen and pullet. (I have Mr. Cameron's permission to use this.) Regal White Wyandottes always make good and I would quote from another letter received to-day Nov., 1st., from a St. Louis customer.

St. Louis, Mo., Oct. 28, 1912.

"My birds of your strain are worth a great many times what I paid you for the eggs and I am justly proud of them. Permit me to congratulate you on your excellent winning at New York State Fair which I think is fully deserved by you, judging by the results I have had with your eggs alongside the others—and I bought from the best breeders. With my very best wishes for your continued success, I remain

Very truly yours, W. J. WOLF.

2000 Cocks, Hens, Cockerels and Pullets for sale. 300 beautiful well matured Cockerels and Pullets ready for the show room now. 100 matured Cockerels from my heavy laying Dorcas line \$10, \$15, \$20, \$25. Utility Cockerels \$3 and \$5 each. Free 20 page Catalogue and Sale List,

JOHN S. MARTIN,

Box W,

PORT DOVER, ONT.

gether with his fine executive ability have made the Boston show one of the greatest and largest fanciers' exhibitions in the world. As the "bean-town" function follows close on the heels of the Madison Square Garden show, many exhibits accompanied by their owners will go direct from New York to Boston, and it would not surprise us, if a special car will be chartered to carry the poultry delegation to the Hub.

Th demand for Silver Campines is so great that breeders are unable to supply the demand for stock this fall. We look forward to a genuine boom of this great Belgian fowl next year. It is not only a beautiful breed, but a most useful one and should make a valuable addition to our popular white egg laying breeds. The lack of popularity of the old Campines and the sudden success of the modern type is clearly set forth in the following letter, by an old Campinist, published in the May 24th, 1912, issue of *The Feathered World*, England:

"It will be interesting to know why the breed failed to keep in favor in America and England in this dress. They were imported to America before they were imported into England, and were, I am told, admitted to the American Standard, but taken out the next time, as the fancy had diminished to vanishing point. It would be as well to impress upon our Continental friends the fact that we know their type and do not like them, and that it is hopeless to try and ram down our throats what we have already rejected. They act as if we only have to know them to take them up again, and this action leads to considerable irritation on both sides. The fate of this type is sealed in America and England.

"It is hardly worth while going into this question of right markings of the male. It is settled in England and America that the male must be marked like the female; no amount of criticism will alter this. Such criticism as has appeared may prevent a few taking up the breed, but will do nothing more. The English Campine is not beaten by any breed in the number of large eggs laid, and in hardness."

The Campine fowl's resurrection in the United States is due entirely to the efforts of such excellent poultry fanciers as M. R. Jacobus, J. Fred N. Kennedy, August D. Arnold, George Urban, Jr., and several others who were immediately struck with the uniform type of the males and females, especially the beautiful color markings found in the best exhibition specimens. In addition to this the large white eggs laid by the Campine hens proclaimed this rejuvenated and Anglicised Belgian fowl a layer extraordinary. When Silver and Golden Campines become thoroughly acclimated in the different sections of the United States, their great value as producers of large white eggs will make them a dangerous rival of the Leghorn and Minorca.

George Urban, Jr., on his picturesque estate, Urban Farms, devotes much space to standard-bred poultry and it is needless to say that the best blood in the world is to be found in his White Plymouth Rocks, Black Langshans, Anconas, Houdans, Javas and Campines. Raising fine feathers

is just as big hobby with Mr. Urban as producing the rarest specimens of flowers and vegetables. The experiments conducted in his green house and afield, have been extended to his poultry breeding establishment. Thorough tests of the different strains of the various breeds and varieties are made so that accurate data of their breeding and laying qualities are the result.

When we can find two hundred White Plymouth Rock pullets foraging in the fields, uniformly good in type and absolutely pure white in plumage, with rich yellow legs, and beaks; and in another field find cockerels equally good in color and shape, we know that the strain has been carefully built and maintained, so as to produce the

stay-white and typical White Plymouth Rock. In the same careful manner, the Langshans, Anconas and other varieties are being tested and perfected, and that is why we are watching the results obtained with the Campines at Urban Farms with considerable interest.

Personally, we were greatly impressed with the rare beauty of the



AS AN EGG PRODUCER

The Economy Oat Sprouter excels all others producing Winter eggs. Cheap, strong and durable. Makes big profits with little expense, trouble or muss. Write for circular.

POULTRY APPLIANCE CO.,

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WHITE LEGHORN DAY OLD CHICKS

From carefully selected, pure strain, heavy laying stock. For ten years we have bred up our S. C. White Leghorns, until today they are unsurpassed for purity, vigor and fertility. You run no risk when you buy chicks from us, they are hatched properly, and shipped to arrive in perfect condition. We also sell White Leghorn Breeders. Our cockerels range in price from \$3 to \$5 each. We are Expert Custom Hatchers. Let us figure on your hatches. *Write to-day* for our Money-Saving Catalogue—it tells how and where to get the best White Leghorn Stock.

MICHIGAN POULTRY FARM,

LANSING, MICH

WILCOX'S WHITE WYANDOTTES

Have won their share of firsts and special prizes the past five years at the leading shows of New England.

Can furnish Winners or Breeders in lots to suit.

HORACE L. WILCOX, 38 Brainard Avenue, MIDDLETOWN, CONN.

EGG MONEY COMES EASY



When you are properly prepared for it. We have helped thousands. We can help you. The 20th century, automatic Feeder will save **grain** and **labor** enough to return to you double the amount of your purchase price before Spring and twice the egg production. The easiest machine for fowls to operate, keeps feed dry and free from dirt and dust. No experiment, on the market for years. Our printed matter tells the story—it is free. (Also chick feeders and water tanks.)

C. S. BARNES, Successor to H. E. & C. S. Barnes, 86 King Ave., Dept. 1, COLUMBUS, OHIO

WHITE PLYMOUTH ROCKS WOLVERINE STRAIN

Why not let me supply you with a winner for your **coming** exhibition? The **Wolverine Strain** has been winning the creamy prizes for years at leading shows for customers in all parts of the country. **Why not for you?**

I have a choice lot of young and matured show birds for sale at reasonable prices. Write me your wants and where you wish to show—I can satisfy both in quality and in price.

Catalogue containing articles on feeding, conditioning, etc., mailed on receipt of 10c. **Eggs in season.**

LYMAN H. HILL, Sta. 2, JACKSON, MICH.

one pen of Silver Campines, especially when viewed under such picturesque surroundings as Urban Farms offer. They seem to attract the attention of visitors instantly and this is a very strong point in favor of the Silver Campines. While the Golden Campines may not attract the attention as readily as the Silvers, they look very promising to us, in fact, we believe

Blunck and Theodore Sternberg in bringing Campines to this country prior to 1893, and also succeeded in having the breed recognized by the American Poultry Association. It was admitted to the Standard in 1893, but dropped from it in 1898, as the breed did not find favor with American poultry fanciers, the imported specimens of twenty years ago being greatly in-



The fashionable type of the modern White Leghorn male is most strikingly illustrated in the portrait above. The grand old cock bird, bred at Ondawa Farms, Shushan, N. Y., has the long sweep of back and flowing well furnished tail, characteristic of the winning types of Leghorns of today. The headpoints are also very good, but the neck, owing to the poise of the bird when photographed, appears too thick, although the line from head to the juncture with the back is almost ideal.

they will become equally popular when their rugged constitution and fine laying qualities are better known. At present the penciling of the feathers in the males and females has not reached the perfection seen in the best Silvers, but this is only a question of time before such will be the case. Mr. Urban has no stock for sale this season as he intends to keep all his best young males and females to select from for his matings of 1913, believing it the only way to build up a strain that will be a credit to the breed and the breeders.

The Silver Campine's popularity today, is due to the fact that the color markings of the male have been changed by English breeders so as to be the same as those in the female. In other words, the Braekel type of the Belgian Campine, which called for males having white hackles, backs and saddles, has been discarded and the white hackled male with barred back, saddle feather barred and tail coverts substituted—a much handsomer bird in our estimation.

We were interested with A. E.

ferior in color markings and type to those imported from England in the past five years.

—O—

When we read the descriptions of some of the Orpington winners at the recent great Manchester show, England, and find such expressions as "Cochiny but cobby" and "low down" when applied to the bodies, we begin to lose faith in the proposed International Standard. The illustration of a Black Orpington hen made from a photograph, which appeared in the October number of "The Illustrated Poultry Record" as representing "a typical Orpington," would with addition of feathers on the shanks and the toes make a model American Cochin. Cochinzining the bodies of the Orpington and shortening the legs to the Creeper length are not calculated to benefit the breed, and as one American breeder of Orpingtons facetiously remarked to us recently, "The English fanciers are lowering the Standard of the Orpington."

—O—

Below will be found a comparative

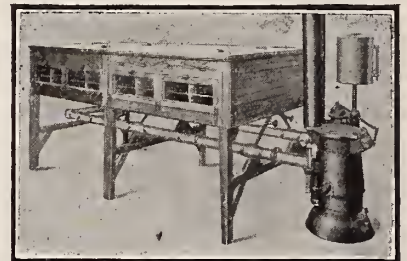
LEARN HOW TO DO CUSTOM HATCHING

**Full Information Sent Free
Upon Request.**

**Description of Egyptian Hatcheries
And How Their Success Can Be
Repeated in This Country.**

Poultrymen are seeking reliable information about custom hatching because almost every one who has an incubator is often asked to do some hatching and this naturally leads to the thought that it may be profitable. It is certainly worth investigating, for many have already found that there is money in it and whoever is first in the field in any section will get the best profits.

Just as a matter of history Custom Hatching has been carried on for centuries by the Egyptians, and they are still practising it, as they did in the



THE CANDEE 1200-EGG INCUBATOR

days of Moses. Their method of charging and carrying on the business has been copied in this country and the industry has been hailed as something new.

A Custom Hatchery is just as necessary in a community as a grist mill or creamery. Whenever one is started it quickly gets the farmers' trade because the average farmer has not time to do his own hatching and the "broody" hen chooses her own time. Experience shows that the business offered is greater than the Custom Hatchery can handle, and, therefore, the incubator must be selected so that it can quickly be enlarged.

It must also be a safety one to guard against accidents and the more automatic it is the larger capacity one man can handle.

The Candee Incubator fully meets these requirements and it is the machine that is making successful Custom Hatcheries. A booklet fully describing Custom Hatching, with directions how to handle the business, what to charge, where to locate and other complete details has been prepared by the Candee Incubator & Brooder Co., Eastwood, N. Y., and it will be sent free if you will send your name and address and mention department 3.

MINORCA BREEDERS ATTENTION!

Having purchased from George W. Hey, the Celebrated George H. Northup stock of R. and S. C. Black Minorcas—1000 in number—and added it to our flock of nearly equal size and quality, we now offer exceptional bargains in high grade Exhibition and Utility Minorcas. A trial will convince you of the superiority of our stock. Catalogue and Special Sale Sheet FREE.

NEW YORK & NEW JERSEY POULTRY FARMS, Inc.,

MARCUS ALLEN NORTHUP, Mgr.,

Successors to Geo. H. Northup & Son,

R. F. D. No. 1,

ORANGEBURGH, N. Y.

list of entries at the Dairy Show England, 1912, which shows the relative popularity of breeds and sub-varieties thereof, in which American poultry fanciers will be interested. As will be seen by this list, Orpingtons and Wyandottes lead in numbers and easily lead all other breeds, although the two varieties of Rhode Island Reds make a remarkably good showing with 95 single entries.

Cockerels			Pullets		
White Orpingtons.....	48	73			
Black Orpingtons.....	28	28			
Buff Orpingtons.....	35	45			
Jubilee Orpingtons....	10	16			
Spangled Orpingtons..	6	8			
Blue Orpingtons.....	13	17			
Cuckoo Orpingtons..	4	4			
Total Orpingtons.....			144	171	—315
Silver Wyandottes....	10	15			
Golden Wyandottes....	9	17			
White Wyandottes....	46	55			
Black Wyandottes....	18	23			
Partridge Wyandottes.	10	24			
S. Penciled Wyandottes	6	7			
Columbian Wyandottes	16	20			
A. O. C. (Buff)					
Wyandottes	9	11			
Blue Wyandottes.....	8	11			
Total Wyandottes.....			132	183	—315
Barred Plm. Rocks...	30	24			
Buff Plymouth Rocks.	14	11			
White Plymouth Rocks	9	9			
Total Plym. Rocks...			53	44	—97
S. C. Brown Leghorns	17	8			
S. C. White Leghorns..	12	10			
S. C. Duckwg Leghorns	5	5			
S. C. Blue Leghorns...	13	13			
S. C. Buff Leghorns...	8	10			
A. O. C. Leghorns.....	6	6			
Total Leghorns.....			66	60	—126
S. C. R. I. Reds.....	32	33			
R. C. R. I. Reds.....	16	14			
Total R. I. Reds.....			48	47	—95
Campines (Silver and					

Golden compete to-		
gether	25	25
Total Campines.....		
	25	25—50

R. F. Bruce, secretary of the Louisiana Poultry Fanciers' Association, in his printed announcements sent to the poultry press, calls attention to the fact that a meeting of the Revision Committee of the 1915 Standard will be held in connection with the New Orleans Show, December 19th to 22d, and that the purpose of the meeting is to give southern breeders an opportunity to appear before the committee and make known any changes in the present Standard they think necessary.

This announcement came in the nature of a surprise as we were not aware of any such meeting being authorized by the American Poultry Association, so in order to correct any possible misunderstanding in this matter, we wrote to President Hicks, who promptly replied as follows:

"Replying to yours of the 7th in reference to Standard Revision Committee.

"Will say that Secretary Bruce is wrong in the claim that the Standard Revision Committee meets at New Orleans. It is simply a sub-division of this committee as authorized at Nashville by a special resolution by the Association, offered, I believe, by Mr. Cleveland.

"The southern breeders are very anxious to have several members at least of the Revision Committee hold a meeting in the south, the extreme south, so that Texas, Louisiana and southern Mississippi, etc., would have an opportunity to appear in person and suggest changes. According, it was agreed that Messrs. Marshall and Pierce, who are judging at New Orleans, should hold a meeting, the two of them, with possibly myself, as I will be at Lake Charles the week before. This is to be without any per diem or expense to the association except possibly a stenographer hired for one day to take down anything that may be offered by the southern breeders attending this meeting.

"This was discussed by a majority of the members of the Revision Committee at Nashville and decided to be the most economical way of giving these breeders in the extreme south an opportunity to be heard. It may be later on the entire Revision Com-

A BUSINESS PROPOSITION

If interested in S. C. White Leghorns or Silver Campines for egg production, get our prices today. Quality no better.
HIGHLAND FARM, R. F. D. No. 1, W. Princess St., YORK PA.


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RHODE ISLAND REDS

FIRST PRIZE WINNERS
Madison Square Garden, N. Y. Allentown, Pa.
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Utica, N. Y. Paterson, N. J.
Hagerstown, Md. White Plains, N. Y.

Season of 1911, at four large shows we won 17 First Prizes, 4 Silver Cups, 14 Special Ribbons; at Philadelphia won the Champion Pen of the Show. Eggs and Baby Chicks in season. Stock for sale.

SEAMAN & BOGERT, Box W, PORT WASHINGTON, N. Y.

ONLYA FARM WHITE WYANDOTTES



FIRST WHITE WYANDOTTE PULLEY
BOSTON - January 1912
Owned and Bred by ONLYA FARM - Florham Park, N. J.

PHILIP KEARNY, Owner.
CHAS. STAAFF, Manager.

NORTH, SOUTH, EAST AND WEST WE WIN

Following our great victories at Allentown and Hagerstown, we followed it up at Augusta, Ga., by one of the grandest wins that has been made in competition with the greatest breeders in the land.

Onlya Farm White Wyandottes proved their superiority by winning 2-3 cock, 2-3 hen, 2-5 cockerel, 1-3-5 pullet, 1-4 pen and best display.

Considering the fact that our great wins at Allentown and Hagerstown during the season 1912 in connection with our great wins at the big winter shows last season, makes Onlya Farm a leader among White Wyandotte breeders.

OUR SEAMLESS LEG BANDS

Tell the story. When a bird reaches about a pound in weight a seamless leg band is put on; it cannot be removed; there it remains as the seal of Onlya Farm quality, and every young bird on our farm wears a band.

WE CAN MEET ANY COMPETITION

Our 1912 matings containing America's noted winners produced the best birds we ever raised, and they are well developed. The price is reasonable and positively every bird sold has been reared on the Onlya Farm, where nothing but White Wyandottes are bred.

WRITE US WHAT YOU NEED

ONLYA FARM, FLORHAM PARK, N. J.

mittee will hold a meeting in some part of the south, also in the east, as well as in the west. These were provided for by the resolution at Nashville."

Respectfully yours,

REESE V. HICKS.

Topeka, Kas., 11, 11, '12.

Even if the Standard Revision Committee does not convene in regular session at New Orleans, the sub-committee constituted for the occasion will prove of considerable service to southern poultry breeders and we trust the latter will avail themselves of the opportunity to present suggestions for changes in the Standard to Messrs. Hicks, Marshall and Pierce, who will be only too glad to receive and act on them.

S. AND B. RHODE ISLAND REDS

One of the most enjoyable visits of the year was made to Seaman & Bogert, breeders of the celebrated S. & B. strains of Single and Rose Comb R. I. Reds. For years Mr. Seaman bred Single Comb Reds that won at all the leading shows in America. During the same period, Mr. Bogert was having the same success with Rose Combs. Mr. Bogert was a successful builder and contractor. Mr. Seaman and Mr. Bogert got their heads together one day with the result that Mr. Bogert gave up his business, he and Mr. Seaman joined issues and the noted firm of Seaman & Bogert, specialty breeders of Rose and Single Comb Rhode Island Reds, came into existence. The consolidation was a success from the start and it is a great pleasure for me to recommend them to readers of AMERICAN POULTRY WORLD, and I do it with confidence, knowing that they have the goods and they are in the class of men that will deliver them to their patrons. My visit was just after the late Mineola show, where they made the following big win: S. C. 1st and 2nd cock; 1, 2 hen; 1, 4 cockerel; 1 pullet. 1st pen old and 1st pen young. 1st pullet winning both color and shape and special for best pullet in whole show. 2nd cock winning color special, 1st cockerel shape special. R. C. Reds: cock 1, 2; hen 1, 2; cockerel 1, 2; pullet 2, 4; 1st pen young; 1st pen old. 1st pullet was hatched from eggs that they sold. Every entry was placed. They also won silver cup for best display, all varieties competing. 1st S. C. pullet especially, was one of the finest shaped R. I. Reds I ever handled, in fact shape is and always has been one of the greatest and strongest points of the S. & B. strain. They have always bred for it and they have it. There was about 3000 young birds of varying ages, many of the cockerels were of mature size and had the color and shape that can win.

The houses were all built by Mr. Bogert himself, and were made after a design of his own. They are called the S. & B. Fresh Air Poultry House and are in my estimation a perfect house of their kind. AMERICAN POULTRY WORLD will publish the plans in January issue. All houses upon the farm are portable and elevated in summer, affording shade for the young birds. A feature of every house was the extreme cleanliness. With Mr. Bogert, "Cleanliness is next to godliness," and not a day goes by but every house on the place is cleaned. Business has been good the past season, their orders for baby chicks far exceeding their supply. They have a Candee Mammoth Incubator and Brooding System, and they find it does the business for them, turning out good livable chicks that will stand any journey. At the time of my visit they were filling an order to be shipped to Arizona, and I am sure the customer will be satisfied with the birds that were shipped, as it was big value for the money. They make everything count. They raise quite a good supply of corn, all the mangles that they require for green food, all the sunflower seed that they require and they also raise plenty of Kafir corn. I would say that Seaman & Bogert

conducts a modern up-to-date poultry plant, a plant that pays. Their customers are many and they satisfy them, and if you are looking for good healthy, lusty, fine shaped, fine colored, prize winning Rose and Single Comb Rhode Island Reds, address Seaman & Bogert, Box W, Port Washington, N. Y. G. W. T.

*** Every breeder of Rhode Island Reds should secure a copy of the book "The Rhode Island Reds." Gives the origin and history of the breed. Also the experiences of our most successful breeders. Seventy-five cents per copy ***

WHITE AND BARRED ROCKS

UTILITY—BRED-TO-LAY—BIRDS

Exhibition Yards of Highest Quality. Winners at Pittsburgh, Hagerstown, Baltimore, New Orleans and leading shows.

HIGHLAND FARM,

R. F. D. No. 1,

YORK, PA.



The Uhl Day-Old Chick Hatchery

The Largest and one of the Oldest in America.

Now 150,000 Egg Capacity.

We furnish chicks from high class and prize winning stock of all the leading and most popular varieties. Book your order for Spring delivery. Send for Catalog and price list.

M. Uhl & Co., Box P. W., New Washington, Ohio

Fogg's Single Comb White Leghorns

ARE BRED FOR EXHIBITION AND HEAVY LAYING

Get our prices on breeders and young birds. We have the quality that will please you. Our breeders this season are the finest lot we have ever mated. Write us early about *Baby Chicks* and *Eggs For Hatching*. Our Baby Chicks are the kind "That Live" and eggs for hatching will produce that kind. Send for Booklet and Mating List now.

N. V. FOGG,

Box W,

MT. STERLING, KY.

Scranton's Reds Make Big Win At Hagerstown



In the greatest Fall Show in the history of the country they won 1, 2, 5 cockerel; 1, 2, 4 hen; 2, 5 cock; 3, 5 pullet; 1st pen color and shape specials and special for best Red in show. This, following their remarkable win of 5 first prizes and all specials at Chicago in the greatest Red class of the season proves their quality is unsurpassed. Have the most remarkable lot of QUALITY birds this season I ever raised or saw. Many classy cockerels and pullets fit for any show in the World, as well as a lot of the greatest breeding birds for the prices, that have been offered to date.

Get Reds That Will Not Only Win But Produce Winners

Remember Scranton's Reds Always Win

B. H. SCRANTON,

Box P. W.,

RISING SUN, IND.

Don't Buy Your Shipping Cases Until You Have Seen Our EGG and CHICK SHIPPING BOXES

Simple, safe, strong as steel. Made on new principals. Light, compact, easy put together. They cut down express charges and please customers.

They insure safe arrival of shipments.

Hatching Egg Boxes

Especially strong. Separate cell for each egg. No jarring. Made in standard sizes. Clean and sanitary.

Day-Old Chick Boxes

New adjustable ventilating device. Independent compartments. Packed knocked down. Very compact.

See our exhibit of these boxes at the Boston and Madison Square, N. Y., shows.

One inspection will convince you.

Egg Mailing Boxes

For Mailing Eggs under Parcels Post Act. Made especially to meet Postoffice requirements. Up-to-date poultrymen will make money mailing eggs to their customers. This box insures safe, certain delivery.

Write for Illustrated Descriptive Booklet giving full details and price.

Manufactured by

A. E. WRIGHT, Supt.,

TYWACANA FARMS POULTRY CO.,

Box 60,

FARMINGDALE, L. I., N. Y.



HEREDITY IN BREEDING WHITE WYANDOTTES

By John S. Martin

(Continued from page 87)

The old idea that the male gave color and the female gave shape to the chick, I have from my own experience not verified. To be sure I have had plenty of cases where this was true, but on the other hand, I found so many contradictory cases that it would be impossible to form any conclusion.

WHITE WYANDOTTE COLOR

The color of the White Wyandottes is entirely a matter of heredity. Not so many years ago we had no stay white males, but by using only the whitest males we at last got rid of that unsightly brassiness. Now a brassy white Wyandotte is a "rara avis."

Although practically all the well bred Wyandottes of the present day are white, yet we might divide them into two classes. The first class I would call the pearl white because the plumage has a pearly whiteness at every stage of development. The other class is the creamy white because there is a creaminess in the plumage until the feathers are completely matured. I must say I rather prefer the pearly white bird as a breeder, but in this case you have a white skin and if you follow up this too strong, you are apt to lose out on your leg and back color. The safest plan is a judicious combination of both.

In breeding for shape, heredity is also of the greatest importance. The outstanding fault in a large percentage of White Wyandottes is that they fail in breast shape, being cut away in front. To overcome this only males and females having deep, full breasts should be used. Deficiency in breast is more noticeable in a male than in a female owing to the tendency of the male to hold himself erect.

Another thing we are trying to get away from is an overabundance of fluff which gave the Wyandotte too Cochiny an appearance. Some of the earlier Wyandottes were called blocky, simply because of this fullness of fluff which give them a round, full appearance. It was simply a matter of feathers.

HEREDITY INFLUENCES UTILITARIAN QUALITIES

Now we come to the part heredity plays in the utility qualities of the White Wyandotte. Without a doubt the most important function of the hen is to lay eggs, and the fact that one flock will lay better than another is largely a matter of strain or heredity. The results up at Orono, Maine, have gone to prove that the laying qualities are not transmitted so much by the female as by the male. For a number of years they bred from their high record layers, but they did not make the advancement they expected. Their latest conclusion, however, has been that the male influence has been most important. This corresponds

with my experience, as stated previously in this article. With a vigorous propotent line of males you can do almost anything in the line of breeding. I have observed that if you have a very exceptional male, it is not often that he will breed a son as good as himself, although his sons will be very high class. The best son, however, will be liable, if properly mated to breed another exceptional bird. I have conversed with several noted breeders and their experience is similar in this respect. Remember I am speaking not of the average high class bird, but of the "star." Richard Oke in discussing the question, said that if you will notice in the human race you will scarcely ever see the man of exceptional ability either in learning, business or any other branch produce a son his equal. Similarly a good many of the greatest birds that have ever been produced have not been the best breeders. Regal IV, one of the most noted White Wyandotte males that ever lived, never produced a son his equal, but he did have a grandson on the male side fully as good. Crusader III never produced a son his equal, but Crusader VI con-

SHOW BIRDS

of the highest type in the famous Strain of Congo, Black and White Orpingtons. For further particulars and prices, write

F. E. GILBERT, R. No. 5, LANSDOWNE, PA.

MAYWOOD

Poultry Farm Anchorage
P. O. Box 141 B,
ANCHORAGE, KY.

Eggs and Stock For Sale
In Season.

Handsome Cloth Bound
Catalogue for Stamp.

Breeder of High-Class

S. C. WHITE
LEGHORNS

WHITE
WYANDOTTES

S. C. BUFF
ORPINGTONS

HERE IT IS FOR \$4.00



**A GREAT BIG
HAND GRINDER**

that will save its cost several times a year and will furnish one to two bushels per hour of fresh ground corn, oats, peas, dry bone, oyster shells, nut shells, dry stale bread, etc. for poultry feed, or will grind table meal for family use.

A child can operate it. Thousands sold annually. Shipping weight 40 lbs. We also build a full line of Power Feed Mills, Samson Wind Mills, Gasoline Engines. Ask for catalogs, stating line in which you are interested.

Stover Mfg. Co., 321 Plymouth St., FREEPORT, ILL.

RILEY'S BARRED ROCKS

HENRY D. RILEY,

Box C,

STRAFFORD, Chester Co., PA.

ROWAN'S BLACK SPANISH

At Madison Square Garden show 1911 won First cock, First Cockerel, First Pullet. At the Garden 1910 show we won First Cock, First Hen, First Cockerel, 1st Pullet, also hundreds of other First and Special prizes during the past 20 years. Eggs \$5 per setting, \$4 for each additional setting. Address

R. A. ROWAN,

Title Insurance Bldg.,

LOS ANGELES CAL.

MAPLEWOOD

Again proves that it stands for highest quality in S. C. W. Leghorns, White Wyandottes, Pekin and Indian Runner Ducks, and Silver Campines. Look up our winnings at Syracuse and Batavia, two of the State's largest Fairs. We have for sale a few extra good Cockerels in all varieties, also four hundred S. C. W. Leghorn Hens, at reasonable prices, to make room for young stock. *Orders for Day-Old Chicks now being booked.*

MAPLEWOOD POULTRY YARDS, H. W. Hayner, Supt., ATTICA, N. Y.

TOLMAN WHITE PLYMOUTH ROCK

BABY CHICKS and EGGS FOR HATCHING

When you order from Tolman, you get the best at a popular price. Eggs and Chicks now ready. Circular and fine list Free.

JOSEPH TOLMAN,

Dept. G,

ROCKLAND, MASS.

CHARCOAL

For Healthy,

Profitable Fowls

Feed our specially prepared Charcoal. Packed in paper lined bags of 50 lbs.

We are the largest Manufacturers in America. SPECIAL PRICE TO DEALERS

THOMAS KEERY CO.,

Dept. W.,

HANCOCK, N. Y.

RANOCAS WHITE LEGHORNS WIN

At the first big show this year—Syracuse Fair—all first prizes but one awarded to RANOCAS White Leghorns, with additional winnings for RANOCAS White Plymouth Rocks. This time it's the Trenton State Fair. RANOCAS birds win championship, two silver cups, 29 ribbons, and Cash Prizes. Here's the Trenton list:

White Leghorns

1st and 2nd Cock
1st and 2nd hen
1st, 2nd and 4th cockerel
1 pullet
1st pen
Best display and all specials.

These
WIN

White Plymouth Rocks

4th cock
3rd and 5th hen
1st cockerel
2nd and 4th pullet
Silver cup for best cockerel in show and championship.

If you want to win prizes, show RANOCAS birds. We supply birds for competition and condition them for shows. For full particulars write

RANOCAS POULTRY FARMS,

INTERNATIONAL POULTRY SALES CO.,

Box 575, Brown's Mills-in-the-Pines, N. J.

sider will make a better cock bird than he ever was.

In my trap nest records, Dorcas, my great layer, never had a daughter her equal, but the great laying manifested itself in her grand-daughters.

DOCILITY A CHARACTERISTIC OF WYANDOTTES

One of the most outstanding characteristics of White Wyandottes is their docility. I have bred over twenty different varieties and found no breed so gentle in disposition as the Wyandotte. This is not produced by training and handling, but is inherited. From an exhibition point of view this is very important, because what judge is not favorably impressed by a bird that will pose in any position. This quality is bred right in the bird and many a time I have seen very young chicks that have never been handled, pose splendidly and exhibit absolutely no fear. I consider this feature very valuable and I simply will not breed a vicious male, as without a doubt, he would transmit this viciousness to his offspring. A bird with a quiet, gentle disposition will thrive better in confinement and is not worried by strangers going through the pen.

WHITE WYANDOTTES MATURE QUICKLY

The White Wyandotte is a quick maturing bird and the pullets begin laying often at five months of age, sometimes younger. Of course there are exceptions and I have seen strains that were very slow in maturing. As a rule these slow maturing birds are larger in frame and tend to coarseness. If you get a Wyandotte too large, you are apt to lose in type. This early maturity is largely a matter of heredity, and if you wish to develop a strain along this line you should use females that begin laying at an early age and males that show early comb development.

To the careful student there is no more fascinating study than nature in its application to the laws of breeding. By working in harmony with nature, you will make more rapid progress than you ever dreamed of making, but by working against nature you court swift and sure disaster.

WHYLAND'S COLUMBIAN ROCKS

Whyland's Imperial Strain Columbian Plymouth Rocks made another big winning at two of the largest fall shows in the East.

At the big Chatham, N. Y., show his winnings were as follows: first, second and third cock; first, second and third hen; first, second and fourth cockerel; first and second pullet; first and third pen old; first pen young; \$25.00 Silver Cup for best display. Not being contented with this grand winning, he takes the pick of his string over to the great Barrington, Mass., show, making one entry in each class. He is awarded every first in very strong competition, also the championship ribbon for best display. He has a limited amount of young stock to sell at an honest price, quality considered. Mr. Whyland is one of our valued advertisers and reports a good demand for the Columbian Rocks; as this is the only paper he advertises in, he says, it is no trouble to trace which paper pays and believes one live paper is enough for any honest breeder. He expects to show his string at some of the largest shows this winter and we look for him to win.

WANTED!

Johnson, the incubator man, wants the address of every man, woman, boy or girl interested in the poultry business so that he can send them his big new 1913 poultry book.

It is sent free without any obligation to you and it tells how Johnson started with 65c and built up one of the most prosperous businesses of its kind in the world. It tells why some people make money in the poultry business and why others fail. It points out the mistakes others have made and tells you how to avoid them.

Of course it also has a chapter on the "Old Trusty" incubator and brooder, and tells how you can get them on 30 to 90 days free trial.

Better send a postal today to Johnson, Incubator Man, Clay Center, Neb., and mention AMERICAN POULTRY WORLD when doing so.

EIDEN'S BLACK MINORCAS

Any one desiring to secure a high class S. C. Black Minorca cockerel should write Joe Eiden, Jefferson, Wis. Mr. Eiden specializes in this variety and produces birds that have size, type and color. He announces in his advertising, on page 157, that he has 50 choice cockerels for disposal at prices ranging from \$5 to \$15. Write and have him describe them for you.

*** All varieties of water fowl described in the book "Ducks and Geese," seventy-five cents per copy postpaid ***

ORPINGTONS BUFF, BLACK, WHITE. My birds have been consistent winners at special prizes, 1910-11-12. Pittsburgh three years in succession, 17 firsts and many other regular and select from. Choice mated pens—one male, four females \$15 to \$35. Two thousand to select from. Satisfaction guaranteed
SANDY LICK POULTRY FARM, 966 Liberty Avenue, PITTSBURGH, PA.
L. O. Kettering Prop. J. W. McGinnis, Mgr.

WHITE LACED RED CORNISH FOWLS
Stock for sale for immediate delivery at \$5.00 each, for good breeding birds. Show birds a matter of correspondence. Watch my pen of White Laced Red Cornish in laying contest at Storrs, Conn.
W. H. CARD, MANCHESTER, CONN.

RHODE ISLAND REDS

At the Great Brockton Fair, October, 1912, we won 1st cockerel, color special, 2nd cock, shape special. Also 2nd R. C. cock, 3rd hen, 5th pullet and 3rd pen. On Pekin, Rouen and Indian Runner Ducks we won 49 regular and special prizes, including gold special for best display of Pekin Ducks. We have breeding and exhibition stock for sale in all the varieties. Write us just what you want and we will be pleased to quote you prices.

WHITE BIRCH POULTRY FARM W. H. Withington, Mgr., Box 186, BRIDGEWATER, MASS.

Silver Wyandottes Exclusively

The BEAUTY and UTILITY Breed
The Best Winter Layers
Our Silvers win another great victory: At The United Fanciers Exposition, Omaha, Nebr., Sept. 30, Oct. 1, 2, 3, 4, 5, 1912, when on 9 entries we won, Cock 1st, 3rd; Hens 1st, 2nd; Cockerels 2nd, 3rd; Pullets 1st, 3rd; Pen 1st. The 1st hen was pronounced by Judge Hewes as being as good a hen as he had passed on in his 27 years of judging Silvers. We have 1000 birds for sale, the finest lot we ever had. We can supply your wants in Cocks, Hens, Cockerels, or Pullets, in any number, get our prices before buying
A. & E. TARBOX, Box W, YORKVILLE, ILL.

LANGSHAN HILLS POULTRY FARM

BARNES
BREEDS
LACK

LANGSHANS
LAYERS THAT
AY AND WIN

PRIZES TELL
PRICES SELL

WRITE YOUR WANTS.

NAPOLEON J. BARNES, R. D. No. 6, Box 15, WINCHESTER, KY.

PRESCOTT'S ORPINGTONS

BUFF, BLACK, WHITE AND DIAMOND JUBILEE

Located in their new home. We are only 23 miles from Boston, on the main line of the B. & M. R. R., which gives us the best of train and express service.

We have grown a grand lot of Orpingtons and are prepared to furnish choice birds in both old and young stock. Let us hear from you.

H. B. PRESCOTT,

75 Salem Street,

ANDOVER, MASS.

WHITE ORPINGTONS

A choice lot of March, April and May hatched pullets and cockerels now ready for showing.

Prices Reasonable.

Wm. W. Hitchcock, 35 Elizabeth St., Ossining, N. Y.



THE "SIGNET" ALUMINUM LEG BAND

Adjustable. "It beats the Band"—s Price postpaid 12-15c; 25-20c; 50-35c; 100-60c. Send stamp for sample.

W. J. BALL, SALEM, OHIO

The Improved Champion Leg Band



Aluminum only, two sizes, adjustable to fit any fowl. Held by double lock, They can't lose off.



THE RIVETED



Can't be removed without destroying band, six sizes. Plyer sealer 25c. Numbered consecutive no duplicates will be made.



THE SUPERIOR
Positive lock, can't lose off, six sizes, always state breed and sex. Either kind, postpaid, 12, 15c; 25, 20c; 50, 35c; 100, 60c. Initials extra on Champion only, 10c per 100; 50 or less 5c. Also Pigeon Bands. Stamp for one sample. Circular free.

T. CADWALLADER, Box 1262, SALEM, OHIO

EXHIBITORS AND JUDGES

By J. H. Drevendst

(Continued from page 89)

To brag little, to show well,
To crow gently if in luck—to
Pay up, to own up, and to
Shut up, if beaten, are the
Virtues of a sportingman.

BORN JUDGES AND MADE ONES

Some men are born judges while others are made ones. The former inherit their judgment; the latter acquire it by study and experience. Both kinds may be good, bad or indifferent, but the man with an inborn talent for judging poultry is very apt to be an equally good judge of all other live stock. He has the eye that spots the winner at a glance, so to speak. This is a splendid asset, but may prove a dangerous one, unless he sticks close to the standard ideals. The man who by hard work, close study and strict observance of the standard requirements, graduates into an all around judge of poultry, may shine less brilliantly and work more laboriously than the one endowed by nature with quicker judgment, but he is usually a safe man to entrust with any class, no matter how strong, as he is not apt to allow preconceived ideals of his own to influence his judgment.

VALUE OF QUICK JUDGMENT AND FIRST IMPRESSIONS

We believe in quick judgment and first impressions in comparative examinations of competing specimens; all other points being equal, the first impression is best always. But before a judge acquires this art or knack of spotting the winners with any degree of certainty or rapidity, he must have served a long apprenticeship in the school of experience, which is the continual handling and studying of the shape and color characteristics of the breeds and varieties he has in his own yards and those that he finds in other breeders' yards. He must be what is aptly termed "a chicken crank." We know of no other expression that fits

the enthusiastic breeder and judge any better, and above all he must always have the bird in mind and forget the existence of its owner.

Constant handling of specimens at poultry shows and breeders' yards sooner or later make him reasonably expert in picking out the "good ones," and once he can do so, that confidence in his judgment is the result, and that's half the battle in the show room. He will then be abundantly able to do his own thinking when placing the awards.

ADVICE TO YOUNG JUDGES

In a most excellent article, which appears in "The Illustrated Poultry Record, England," and old fancier addresses a letter to a young judge from which we quote the following:

"Self-confidence in a judge is a necessity. Without it he is a rudderless boat, drifting nowhere. That can only be from knowledge and experience. It should not be too pronounced at first when some trepidation is desirable and helpful. Above all, do not be too cock-sure, for by that you are sure to suffer a fall. Some years ago a prominent exhibitor had trimmed a bird as far as he dare, but felt compelled to leave a few mis-marked feathers in. On going into the show he saw a crowd of exhibitors before his pen and the judge in the midst. He thought he was in for it. He was a Zaccheus, and so he sidled quietly up unseen, and listened. Just as he reached the spot the judge was heard to say, pointing to this man's bird, 'That is the only honest bird in the class.' Things are not always what they seem, my boy, and judges are not infallible, though, like parsons and doctors, they frequently assume a knowledge they do not possess, and try to look wiser than they really are. Try to combine confidence with humility. Be always ready to learn. Remember that in every show there are men who have forgotten more than you ever knew.

"Test yourself, my dear fellow. Be your own severest critic. If, when you get before an array of pens, you feel fogged, scarcely able to make up your mind, and compelled to place the cards because you must, not where you know the decisions to be in accord-

Whyland's Imperial Strain of Columbian Plymouth Rocks At the two largest Fall shows in New York State and Massachusetts winning every first prize, Championship ribbon and \$25 silver cup. A limited amount of young stock for sale at honest prices.

A. A. WHYLAND,

CHATHAM, N. Y.



THE FAVORITE BAND
is made of heavy aluminum. Has smooth edges, locks with two clinches. Numbered with large **RAISED FIGURES**

PRICES: 12 for 15 cents; 25 for 25 cents; 50 for 40 cents; 100 for 65 cents.

CHAS. L. STILES 230 N. Third Street, COLUMBUS, OHIO

BROWN LEGHORNS,

THE EMPIRE STRAIN
ALWAYS WINS



GEO. H. BURGOTT,

LAWTONS
CATALOGUE FREE LAWTONS, ERIE CO.,
N. Y.

EXHIBITED AT
MADISON SQUARE GARDEN.

The Famous "IDEAL"

TRAP NEST

Shows which hen laid the egg. Most efficient—easiest to install and operate. Progressive poultrymen everywhere use them. Practical for YOU or your money back. No watching. No fright. No freight. Plans, Traps, Bands, Record Sheets. Write NOW for prices and proof.

F. O. WELLCOME, Box W, YARMOUTH, ME.

CAPON TOOLS



CAPONS bring the largest profits—100 per cent more than other poultry. Caponizing is easy and soon learned. Progressive poultrymen use

PILLING CAPONIZING SETS

Postpaid \$2.50 per set with free instructions. The convenient, durable, ready-for-use kind. Best material. Wealsomake Poultry Marker 25c, Gape Worm Extractor 25c, French Killing Knife 50c. Capon Book Free. G. P. Pilling & Son Co., Philadelphia, Pa.

RHODE ISLAND REDS

ROSE AND SINGLE COMB

OUR SHOW RECORD STANDS UNEQUALLED

We Have 7000 Birds to Sell



We can fit you out in show birds or breeding stock with the kind of birds that reproduce themselves. At the largest and most prominent fair in the world, Illinois State Fair, we won as follows: October 7 to 12, 1912. Rose Comb, 1, 2, 3, 4 cock; 1, 2, 3, 4 hen; 1, 2, 3 cockerel; 1, 2, 3 pullet; 1, 2, 3 pen. Single Comb, 1, 2 cock; 2, 5 hen; 1, 2 cockerel; 2, 4, 5 pullet; 1, 2 pen. This is only a continuation of their wonderful winning records. 20 pens now mated for egg trade. Address all mail to

BUSCHMANN-PIERCE RED FARMS,

W. C. PIERCE, Mgr.,

Box 30,

Carmel, Ind.

What 20c will do

If you are interested in poultry raising you want to know the best way to feed and care for them. You also want to know about the best breed in the world.

RHODE ISLAND REDS

Our beautiful catalogue (printed in three colors) of 64 pages and cover, contains many articles on raising and caring for poultry in large and small flocks; also how to feed for eggs and their fertility. The best system to lay out a poultry plant. How to build a good, fresh air poultry house with plans, etc. Any one of these articles is worth dollars to poultry raisers. It will also tell you why Rhode Island Reds are the best breed in the world. This catalogue will be sent postpaid for 20 cents in stamps or cash. Address all mail to

**Buschmann-
Pierce
Red Farms**

Box 30,

Carmel, Ind.

EGG RECORD AND Account Book



An
Easily
Kept
Record
of
Profit
and
Loss

A simple, easy method for keeping correct account by the day, month and year of all expenses and income from eleven yards of fowls; also record of all eggs laid, set, or sold; chicks hatched, reared, sold, etc.; also record of orders as filled.

How much did you make last year?

This book was prepared to meet the need and demand for an accounting system whereby a breeder can reat poultry more intelligently as to profit and loss, and in its present form embraces the best of the systems employed by our most experienced poultry breeders.

The rapid sale of the several editions of this book and its universal approval by the poultry press and poultrymen is proof that it does the work for which it was designed.

Price, 25 Cents, Postpaid

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American Poultry Publishing Co.

Buffalo, N. Y.

ance with your own ideals, take my advice, give it up. Every man has his limitation, and that will be yours. Unless you have formed in your mind a picture of what a breed is or ought to be, how can you do justice to it or to yourself? The thing is impossible. I know that ideals change, and you must do the same, but not without good reason and upon a definite and reasonable plan.

"Perhaps you may think I have exalted the judicial function too highly, and that something lesser is good enough. If so, I pity you from the bottom of my heart, for you have started on the down grade at a very early stage. The business of a judge is not merely, as is commonly supposed, to award prizes at a given show. He ought to be able to do more than that—to make his decisions conduce to the definite improvement of the breed by discouraging everything that would debase it. Think of a judge's power and responsibility. It is greater than that of clubs and standards combined."

In the above three paragraphs will be found a bookful of wholesome advice that young as well as the older judges should heed and follow.

ALL AROUND AND SPECIALTY JUDGES

Thirty years ago, the specialty club judge was an unknown quality. Every poultry judge in those days was what is termed an all around judge. In other words he often had to judge the whole show, poultry, ducks, geese, turkeys and pet stock. But there were comparatively few Standard varieties of poultry a quarter of a century ago, so that the task was not as difficult as it would seem. Still it was decidedly hard work just the same, especially at fall fairs, where one or two men did the work of judging, that now requires seven or more. We remember judging the poultry with the veteran George O. Brown, at the big Hagerstown Fair, twenty years ago, and there were several thousand specimens for both of us to handle. Today the Hagerstown Fair employs twelve poultry judges to do the work in order to complete it on the first day of the show. At the Madison Square Garden Show, twenty-five poultry judges were employed in 1911 to place the awards and they had to hustle every minute in order to complete their work in time for the marked catalog to go to press. At Boston, Chicago and other large shows, the same large corps of judges is necessary to place the awards on time.

This modern system of awarding prizes has gradually reduced the number of all around judges in this country, as excepting at smaller shows and county fairs, their occupation is gone. Specialty judges recommended by poultry clubs have taken the place of the all around judges, a condition while unavoidable, not calculated to increase the corps of all around judges in the future.

But few of the old noted all around judges are left. B. N. Pierce, one of the best judges America has produced, is dead. Isaac K. Felch, a contemporary of the late Mr. Pierce, and one of the greatest judges of poultry and cattle in the east, although hale and hearty at an advanced age, seldom judges a show now-a-days. J.

DAVIS LIGHT BRAHMAS
1 Cockerel, 1-2 Pullet at the Great Hagerstown Show. If you want quality, I have it at reasonable prices. Write me. Also **LIGHT BRAHMA BANTAMS**—the kind that win.
F. W. DAVIS, Box W, KEYSER, W. VA.



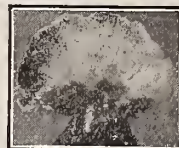
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12 for 15c; 25-50c; 50-55c; 100-60c; 175-1.00;
200-1.10; 500-2.50. Price list and sample 2c.
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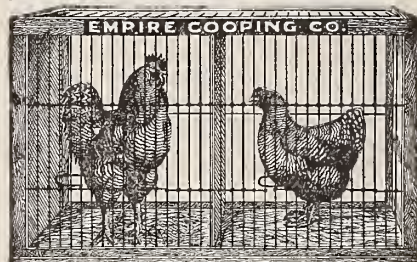


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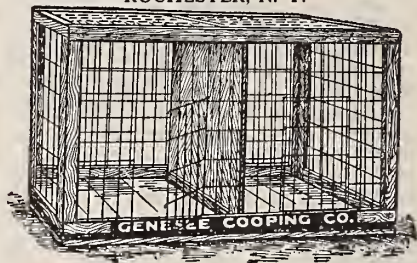
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Y. Bicknell, another prominent old poultry judge of the past, has retired from the fancy, while F. B. Zimmer no longer is seen with his famous cordigan jacket and cap in the poultry aisles. "Zim" has given up the chickens and "gone to the dogs," breeding Beagle hounds and making money. George O. Brown, whose age we will not divulge, still judges at Hagerstown and a few other shows each year, and to be truthful he acts as young as ever, if he does not look it. No man has done more or better work as a judge than George O. Brown in his long and honorable career in the show room. The retirement of Sharp Butterfield, Canada's most famous judge, a few years ago, left a gap that never will be filled, for Mr. Butterfield was one of the most able judges of poultry and live stock we have ever met. He was a born judge, if there ever was one. His memory was remarkable, as weeks after judging classes at a show "Old Sharp" could talk or write about them, giving almost a detailed description of the different winners.

Of the newer generation of all around judges, and all have been long in service, are Theodore Hewes, F. J. Marshall, C. A. Emery, Jas. A. Tucker, W. S. Russell, F. H. Shellabarger, George H. Burgott, W. B. Atherton, W. C. Denny, H. P. Schwab, George Holden, D. T. Heimlich, Loring Brown, Richard Oke, J. G. Jarvis, H. B. Savage, H. H. Collier, W. C. Pierce, T. F. Rigg, Chas. McClave, W. J. Stanton and several others, whose names we fail to recall. These men are getting along in years and will sooner or later begin dropping from the ranks, but who among the great new crop of specialty judges will take their places?

CROSSLEY'S REDS

J. H. Crossley, the S. C. R. I. Red specialist of Magnolia, N. J., announces that his business the past season has been almost double that of any previous year, especially in his baby chick trade. He is an expert on incubation, consequently chicks that he sends out invariably live and thrive. The Magnolia strain of Single Comb Rhode Island Reds are extra heavy layers, are fine in shape with the surface and under color that wins many prizes. Mr. Crossley has been very successful in the show, winning extensively at such shows as Camden, Hagerstown and Philadelphia, and for his customers at other important shows. Write him your wants. We will not ask you to bother mentioning where you saw his ad. He knows all about it, as he says from his small ad in AMERICAN POULTRY WORLD he does about all his business. —G. W. T.

A GRINDER FOR \$4.00

To those who keep a small flock of fowls and wish to grind their own feed, the grinder advertised by the Stover Mfg. Co., 321 Plymouth St., Freeport, Ill., will fill the bill nicely. This is a substantially built machine and has a capacity of from 1 to 2 bushels per hour. Grinds all kinds of grain, bone, oyster shells, stale bread, etc. Just the thing to help cut down expenses and reduce the cost of feeding, soon pays for itself. Ask for catalogue or send \$4.00 and receive the mill direct.

*** Egg Machines is the term often applied to be Leghorns. Our new book just out, tells all about all varieties of this popular fowl. \$1.00 gets it ***

VALUABLE BOOK FREE

J. W. Miller, Box 123, Rockford, Ill., offers to send free to all AMERICAN POULTRY WORLD readers his big poultry book which contains numerous photo reproductions of standard-bred poultry. Valuable information for the beginner and many instructive articles on the feeding and care of poultry. This book cost many dollars to prepare and publish, but it will be sent to all interested in poultry absolutely free if this paper is mentioned.

IVES' LANGSHANS "A GOOD STRAIN OF A GOOD BREED"
Consistent winners at the largest shows for many years. Elegant big COCKERELS NOW at very reasonable prices.
PAUL B. IVES, "Bonnycroft" GUILFORD, CONN.

REGAL WHITE WYANDOTTES They are unexcelled as layers and winners. At Buffalo Great International Show this year, on five entries I won 3rd cock, 4th hen, 2nd cockerel, 1st pullet, 2nd pen, also best display. They will win for you. Eggs \$2.50 per fifteen. HENRY R. JONES, DERBY, N.Y.

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White Rocks
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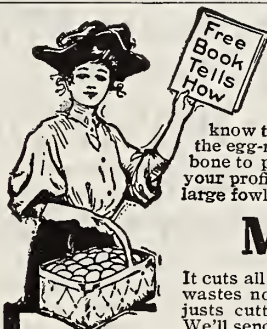
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The new process of cleaning exhibition birds. No faking, but the best cleaner ever invented. Will remove grease, dirt, or stain. It is perfectly harmless to feathers or clothes. Quart cans \$1.00. Every can sold on a guarantee. We also make the best clothes cleaner known to the profession.

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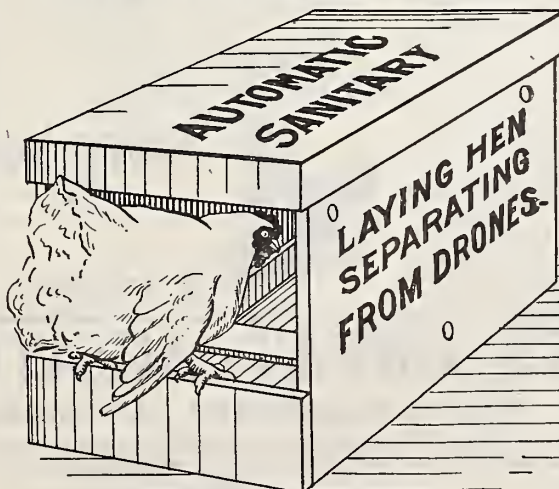
Tells you how to **make hens lay**. Gives you in a nutshell the whole matter of right feeding. Read it if you want to know the **real value** of fresh, raw bone, which contains four times the egg-making ingredients that grain has. You **must** feed raw, green bone to promote **growth, development and laying**. It doubles your profits in number of eggs, fertility, strong chicks, large fowls. It is easily and quickly prepared with

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It cuts all green bone with all adhering meat and gristle; wastes nothing and never **clogs**. Automatically adjusts cutting to your strength. Anyone can turn it. We'll send you one on **10 Days' Free Trial**. **No money** down. If not satisfactory, return at our expense. Send for book today.
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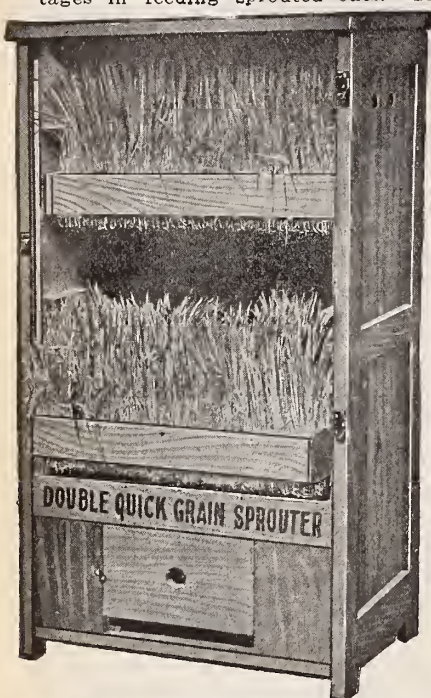
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WHY SPROUTED OATS ARE A CHEAP FEED

The accompanying photograph offers a splendid illustration of the advantages in feeding sprouted oats. The



No. E.—Double Quick Grain Sprouter with the door and all trays removed but two, showing oat sprouts nine to ten inches high. Manufactured by the Close-To-Nature Co., Colfax, Iowa.

oat sprouts shown in the picture are from nine to twelve inches high, the average being about ten inches. The question is often asked if there is any gain in feeding sprouted oats except the gain that comes from using a green feed. The illustration confirms the fact that there is also a gain in the amount of feed. When an oat sprout is from one to one and a half inches high, it has exhausted all the nourishment in the original kernel. But the sprout grows on till ten to twelve inches in length. On what does it grow? Since in the grain sprouter nothing is given it but warmth and water, it of course gets its food from the water and the air. All young plants like young animals get their first food from easily accessible sources. There is a limit of course to the extent a plant will grow on water and air. When it has completed its youthful career and prepares to take on the duties of maternity or to reproduce itself, it needs the woody stalk to support the head and also the various elements for producing the mature grain and hence must have the earth salts. This is where rich soil comes in to produce heavy crops of grain. After the sprout or young plant has grown eight to twelve inches high if it be not given the earth salts it fails and decays. But there is an immense quantity of feed between the one inch which grows from the original kernel and the ten or twelve inches which one can grow easily in the Double Quick Grain Sprouter. Perhaps it is not generally known that a field of grain may be planted in pure sand or ground glass and if kept well watered will make a luxuriant growth eight to ten inches

high, but no mature grain will ever be reproduced in such a field.

ROCKWOOD FARMS

Attention is directed to the advertising of Rockwood Farms, Box W, Norwood, Ohio, which becomes an annual advertiser with this issue of AMERICAN POULTRY WORLD. Partridge Plymouth Rocks are bred exclusively on these farms, and that they possess quality is indicated by their record at the Alabama Exposition, where they were awarded the following prizes: 1st cock; 1-2 hen; 1-2 cockerel; 1-2 pullet; 1 pen. Any reader of this paper who is desirous of securing stock of this variety should write Rockwood Farms for prices.

LISK'S WHITE WYANDOTTES

We are advised by Fred C. Lisk, Box L, Romulus, N. Y., that he has raised a very promising lot of young stock this season and is prepared to fill orders for show or utility stock at moderate prices.

Mr. Lisk's birds are not only bred for exhibition quality, but they have been developed along utility lines as well and are noted as a winning and heavy laying strain. When in need of a show specimen or a breeding bird, write Mr. Lisk, describing your needs, he guarantees to satisfy.

*** Ask for a list and prices of our popular Poultry Publications ***

125-Egg Incubator and Brooder Freight Paid East of Rockies Both for \$10

Hot water; double walls; copper tank—best construction. Write for Free Catalog. Wisconsin Incubator Co Box 59 Racine, Wis.



Poultry Houses That Grow with your poultry business. Fitted complete, sanitary and comfortable. Open fronts with canvas-covered frames. Easily erected. Laying houses and complete poultry equipments. Send for catalogue F. E. F. Hodgson Co. 116 Washington St. Boston, Mass

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Have been producing prize winning birds. Write for free bulletin describing our 30 popular varieties.

EVERY LOUSY HEN

is losing real money for you. Every egg you don't get is so much money lost. Stop that leak! Hens tormented by lice can't be expected to lay eggs. You can keep your hen house free of lice with one application a year, and Circular 61 tells you how. Sent free. Write us today.

Carbolineum Wood Preserving Co., 190 Franklin Street, New York, N. Y.



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Illustrates and gives prices; 45 varieties land and water fowls and eggs. Send your address on postal card to

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Cretaceous White Wyandottes

Some very choice Hens, Pullets and Cockerels now ready for Show Room, also some fine Breeding Cockerels and females at greatly reduced prices—all farm raised stock.

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1st, 2nd, and 3rd Madison Square Winners head my breeding pens.

THEODORE S. HEWKE,

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1882 - JODREY'S SILVER WYANDOTTES - 1912

Champions of the great club show Boston 1912, Won the Steinmesch Champion Challenge Cup for best 4-150 competing. The Boston Champion Cup for best male, 52 competing.

They won on quality not quantity. Breeding and exhibition stock for sale that will improve your stock.

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WHITE WYANDOTTES GALA STRAIN BRED-TO-LAY

Are you the manner of mau or woman who is looking forward to having Stock from a Strain of Bred-To-Lay White Wyandottes that are winners? Stock bred for egg production that are of such standard quality that they won 1st Pen, 2nd Pen, 4th Pen, and 5th Pen at Chicago, Dec. 1911? 1st Cock, 3rd Cock, 1st Cockerel, 3rd Cockerel, 4th Cockerel, 3rd Pullet, 2nd Pen, 4th Pen at Indianapolis show January 1912?

THE OPPORTUNITY IS KNOCKING AT YOUR DOOR—LET'S GET ACQUAINTED. All these winning Pens are in our yards. A setting of eggs will start you.

GALA POULTRY PLANT,

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Jacobus Improved Strain Silver Campines

Why did the Silver Campine Eggs from my yards win over all other white eggs at Boston, 1911-12?

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Week of December 30th, '12—January 4th, '13

One of the largest and best appointed exhibition halls on earth. Lighting, Heating, and Ventilating facilities unexcelled. Liberal Cash and Handsome Cup Specials—open to the world. Judges—J. Harry Wolsieffer and Geo. Ewald. Premium List Ready. Address

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WM. COOK & SONS, SCOTCH PLAINS, N. J.

Percy A. Cook of William Cook & Sons, originators of all the Orpingtons, Scotch Plains, New Jersey, writes that he has just returned from a very successful business trip in the South. They exhibited at Memphis, Tenn., and won the cup offered for the best Black Orpington cockerel in the show. The largest sales made at this show were with the Black Orpingtons. Among their winnings here were first Buff Orpington hen, first pullet; in Blacks, first pen, first cock and first hen; in Whites, first cockerel. At Birmingham, Ala., Mr. Cook withdrew from competition as he found a number of his customers were exhibiting. He was amply repaid for this, as he sold over six thousand dollars worth of Orpingtons at this show. Every first and second prize in the Orpington classes were Cook Orpingtons with but two exceptions.

From Birmingham, Mr. Cook went to Macon, where he judged the Orpingtons, which makes the third time at this show. Their birds also were exhibited and won many prizes at Allentown and Trenton. Mr. Cook states that they have supplied more first prize winners than ever this season, and a large number were also hatched from their best eggs. There has been keen competition for the \$50 cups given by Mr. Cook at different shows for the best cock Orpington in the show. Mr. Candler, of the Briarcliff Farm at Atlanta, Ga., won two of them this season. The firm of William Cook & Sons has been in existence for thirty-nine years, and every year sees an increase in their business; this means thirty-nine years spent in giving satisfaction to the public, this is worth remembering when you are placing your order. They make a specialty of giving advice free to all, this is especially valuable to beginners in the poultry business. Some of the largest sales made by Mr. Cook this fall have been in Blue Orpingtons, their latest production. Later advice from Mr. Cook states that they have just won thirteen firsts out of a possible fifteen at Shreveport, La.

EGGS WHEN EGGS COUNT

Have you ever tried to learn why egg production is so greatly reduced in the winter time, just at the season when you would like to see it best? It isn't because Madam Hen is a hot-house production and dislikes the cold, bracing atmosphere, or even objects to getting her feet wet. There are very few days, if any, so cold as to make her unwilling to get out in the open for food and exercise. She couldn't suspend business in the winter because of her health, for she is warmly clad and the feed bills show she eats more than she does when she's real busy.

Then where does the trouble lie? It lies in the fact that while the winter has no terror for Madam Hen, the same can not be said for bugs, beetles, worms and small animal and plant life generally. These choice dietary morsels are most important factors in her business of egg production. She is unable to find them during the cold months. Of course, she can "get along" on corn, wheat, etc.

But—the difference between five or six dozen eggs a year and two hundred is quite another thing. You look upon Madam Hen as a "good thing" and you want to "force her," just as the florist forces his flowers. If you want more eggs you must furnish your hens the necessary material with which to make them. Ordinary green bone, obtained at your butchers at little or no cost, supplies these requisites in

greater quantity and at less cost than anything else you can feed. It must of course be ground fine, and a good, strong, reliable grinder that wears well, does its work thoroughly and runs easily is a necessity.

A grinder which meets the above requirements satisfactorily is the Mann grinder, which has won over 300 first premiums at all kinds of expositions, fairs and poultry shows. The price of the Mann grinder, compared to the increased profits it brings you, is insignificant and makes it decidedly a profitable investment. The F. W. Mann Co., Box 355, Milford, have issued an interesting booklet telling of the value of green cut bone, how it is prepared, etc. This book is free upon request if you mention A. P. W.

ORPINGTONS AND WYANDOTTES

J. J. Cruttenden, Waterford, Conn., is offering a choice lot of cockerels, bred from prize pens in Buff, Black and White Orpingtons and Columbians, Golden and Silver Wyandottes. Mr. Cruttenden is a conscientious breeder and believes firmly in the "golden rule." If you entrust your order to him you can rely upon getting value received every time. When in need of stock of any of the above varieties write him for a description and prices of stock.

*** Let us supply your reading matter—look up our clubbing combinations on another page ***

TURNER'S R. C. BUFF LEGHORNS

won at the Great Brockton Fair, 1st cock, 1st hen, shape and color specials, 1st pen, 3rd cockerel. Rochester, New Hampshire, Fair, 1st cock and at the Cumberland County Fair, Gorham, Maine, 1st and 2nd pen fowl, 1st pen chicks. A few choice cockerels from this stock for sale. Satisfaction guaranteed.

EDWARD J. TURNER, Lock Box 339, SPRINGVALE, ME.

LOVE'S BARRED ROCKS are Champions of the South. At the Tri-State Fair, Memphis, 1912, I won as follows: 1 cock, 1-4-5 hen, 4-5 pullet, 1-2-3-4 pen. Special for best shape cock, best colored cock, best pen, best display Barred Rock from Tennessee, and several other minor prizes. It takes quality to do this and I have it. Choice stock for sale. Write your wants.

W. E. LOVE, Jr.,

Box W,

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COLUMBIAN WYANDOTTES

Superior Quality. Bargains in Cockerels.

M. B. SHAW,

Box 432,

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DARTMOOR YARDS "DARK" CORNISH"

Our International Champions won 3 firsts, best display, silver trophy, both best male and best female at the great Baltimore Club Show, January 2-6, 1912. Competing in class, 145 birds; largest showing of "Dark Cornish" ever held in America. Sixteen exhibitors, east and west, competing. The 1909 and 1910 Crystal Palace winning hens, London, England, and two champion imported males have produced the highest class exhibition young stock we have ever bred. Write for prices. Address all correspondence to

CHAS. S. BRENT, Prop.,

OCONOMOWOC, WISC.

Life Member American Poultry Association.

WHITE PLYMOUTH ROCK BREEDERS

Sturdy cock birds, well moulted hens, well matured pullets and cockerels of exhibition and utility quality. Write for particulars concerning our special selling plan.

R. C. CALDWELL,

Box 102-A,

LYNDON, Ross Co., OHIO

Deming's Single Comb Rhode Island Reds

Winners at the leading shows. Winners at World's Egg Laying Contest at Storrs College. Certified record of 186 eggs average per hen. Beating all other Reds. I have a fine lot of dark red cockerels from this winning and laying strain of Reds. Price \$3.00 and \$5.00 each. Show birds \$10.00 and upwards. Also some extra good females.

If You Want Winning Reds
If You Want Laying Reds
If You Want Large Reds
If You Want Vigorous Reds
If You Want Red Reds

H. P. DEMING,

Red Specialist,

ROBERTSVILLE, CONN.

GET
DEMING'S SINGLE COMB
RHODE ISLAND REDS

It is Profitable for You to Use the Best of Feeds and Appliances

Eaton's Life Saver Little Chick Food.

Eaton's Growing Ration.

Eaton's Climax Grain Mixture.

Eaton's Perfection Mash Mixture.

Eaton's High Grade Pigeon Food.

EATON'S FAMOUS POULTRY FOODS

uniform in quality, dependable rations.

FOR SALE BY YOUR DEALER OR

R. D. Eaton Grain & Feed Co., Dept. C, Norwich, N. Y

The Peerless Self-Feeding Dry Food HOPPER

is an up-to-date poultry appliance, and fills the demand for a practical feeder at a modest price.

OUR BOOKLET FREE



FIRST PRIZE PEN SC. WHITE LEGHORNS AT BOSTON, 1912.
BRED AND OWNED BY
DUNE ALPIN POULTRY FARM, EAST HAMPTON, N.Y.

PROMINENT POULTRYMEN AND THEIR PLANTS

A BRIEF DESCRIPTION OF THE STOCK AND PLANTS OF A FEW OF THE PROMINENT EASTERN BREEDERS. ALL INDICATIONS POINT TO A PROSPEROUS SEASON, AND BREEDERS VISITED ARE WELL PREPARED TO HANDLE ORDERS IN A SATISFACTORY MANNER

BY GEORGE W. TRACEY

The average poultry scribe, yours truly included, in visiting the various poultry farms, from year to year, is apt to speculate with himself over the problem of saying something that he has not said before, and what he can say or write, that will be of value to the readers of his paper. This thought occurred to me as I was on my way recently to pay my annual visit to the home of the "Ringlets," the world's most famous strain of exhibition Barred Plymouth Rocks and probably the most noted and best known strain of poultry in the world.

Upon the occasion of my former visit, just as soon as my work was done, I hastened away, but upon my recent visit, after spending the day viewing the birds and watching Mr. Thompson and his assistants coop a wagon load that were to be shipped out that night, and after having supper, Mr. Thompson and your humble servant had a long talk all by ourselves, and it was mostly all on poultry, with just a little politics. Mr. Thompson discussed the various problems that confronted the American people, and he stated his position in a clear and convincing manner. It takes brains to accomplish what Mr. Thompson has. A man may by chance hit upon a mating that will produce a world beater. The history of our American fancy cites cases where this has been done, but when one man can win 25 first prizes at New York, almost double the number won by any other Barred Rock breeder, then we can say the element of luck is eliminated, and science and skill must have the credit. I will mention the birds only briefly, and will state that, in my estimation there was an unusual crop of unbeatable cockerels, these were nearing maturity as they were hatched early. Mr. Thompson caught one for me, saying, "There is the best cockerel I ever raised." He was a wonder in barring and color, but I saw a hundred or more that looked about like him and I will state that I never saw as many good pullets as they have on Valley View this year, and it is in the pullet line that I can see wonderful improvement. I must confess that I never saw as many good exhibition Barred Rock females as I saw on my visit to the home of the Ringlets, and I can very well concede now that Mr. Thompson can very justly apply the word "Imperial" when describing his strain of Barred Rocks.

I saw the foundation for another

new breeding house of a style that will gradually replace the older houses on the place. Since my last visit, Valentine had taken unto himself a charming companion to walk with him through life's pathway. Valentine has been a student in the school of the scientific breeding of exhibition Barred Plymouth Rocks and as he has had the best teacher in the world, and when he finally graduates, I am certain it will be with the highest honors that can be attained.

In regard to the future of the poultry industry, Mr. Thompson is very optimistic. This season has been his best, even surpassing his high mark of last year. He found it impossible to keep up with his egg orders last

Midlothian White Orpingtons

Chicago First Prize Winners. Reduced prices on stock and eggs for balance of season.
Midlothian Farms, John G. Poorman, Mgr., Tinley Park Ill.

WHITE ORPINGTONS

"OF THE BETTER SORT" ARE WHITE AND STAY WHITE
Get Right. That means White. The yellow, brassy White Orpington is out of date. Send for our White booklet, it contains some boiled down facts and sound reasoning. It's Free.

MOUNTAIN VIEW FARM, E. A. Haring, Prop., R. F. D. SOUTH KENT, CONN.

HOUDANS "Worth While"

LATEST WINNINGS, 5 1sts; 4 2nds; 4 3rds., at recent Big Illinois State Fair. Orders for eggs and baby chicks booked now. 10 cents for instructive HOUDAN book.
DR. G. G. BILLMAN, Box D, EVANSVILLE, IND.

GABRIEL'S "RAVEN BLACK" Strain of S. C. MINORGAS

At the Indiana State Fair Indianapolis Sept. 1912 Won First Cockerel, First Pullet, First Pen.
FRED C. GABRIEL, Prop., Raven Black Yards, SOUTH BEND, IND.

SILVER WYANDOTTES We have this season the grandest birds we ever owned. Beautiful large pullets, with clear, showy black and white lacing and cockerels sired by our first cockerel at Club Show, Boston, last winter, pronounced the best colored Silver ever shown. We can furnish you winners.

J. F. VAN ALSTYNE,

NIVERVILLE, N. Y.

PHILADELPHIA BARRED ROCK CHAMPIONS

won National Trophy, Best Display, Best Pen in show, 51 pens competing, Philadelphia show 1911, Mineola 1912 against best breeders on Long Island, won best Display, 1, 2, hens, 1, 2, cockerel, 1st pen old, 2nd pen young, 3rd cock. Sons of the great Sensation for sale. Unbeatable show birds among them. Send for Catalogue.

TOP NOTCH FARMS,

Box 12,

WATER MILL, L. I. N. Y.

Spring Water Poultry Farm

We are now booking orders for Single Comb White Leghorn Baby Chicks for next season. They will be booked in the order they are received, so get yours in early and have your choice of dates for delivery. Write for Illustrated Catalogue.

Spring Water Poultry Farm,

Stockton, N. J.

"SENSATION" and RED PRINCE R. and S. C. REDS

The strains that have won more firsts (in Rose Comb Reds) at New York, Boston, Providence, Chicago, Baltimore, Washington, 1911-1912 than all others combined. STOCK.—4,000 youngsters from the strongest matings in America. Can furnish winners for any show. Also Bargains in Yearling Cocks and breeding females. Eggs at all seasons. Circular.

RED FEATHER FARM, F. W. C. Almy, Prop., Box 22, TIVERTON 4 CORs., R. I.

FOR SALE Prize Winners, first Cock, Cockerel and young Pen Buff Rocks, New York State Fair 1912, also prize winning hens. Quality for 20 yrs. unsurpassed. EDGEWOOD FARM, BALLSTON LAKE, N.Y.

Grand Clearance Sale We are offering at reduced prices for quick disposal Cocks, Hens, Cockerels and Pullets of our noted Black Orpingtons. Write at once if you wish to secure some of the best stock ever produced—our show record proves it. GIFFORD & WARREN, EAST WEYMOUTH, MASS.

GIES' WHITE WYANDOTTES

All my breeding stock, including winners at Albany, Schenectady, etc., very cheap.

A. J. GIES, Box A, DELMAR, N. Y.



WINNERS

My Brown and White Rose and S. C. Leghorns are known the World around. Big, Big Eggs. 242 Egg Strain. White Wyandottes and Barred Rock stock, all breeds. Catalogue.

W. W. KULP, Box 12, POTTSTOWN, PA.

December Bargains

Silver Penciled, Partridge and Columbian Rock Chicks \$4.00 per pair. Buff Rock Cockerels \$3.00 to \$5.00 each. 8 Columbian Wyandotte Hens, 2 Cocks for \$25.00, Chicks \$4.00 per pair. Indian Runner Ducks \$3.00 per pair. White China Geese \$10.00 per pair.

Spruce Farm, Geo. E. Howell, Howells, N. Y.

spring. If you are in doubt as to what breed you will take up, send for Mr. Thompson's catalogue, I am certain that you will speedily make up your mind that you are going to own a pen of Imperial Ringlet Barred Plymouth Rocks. Address Mr. E. B. Thompson, Lock Box 330, Amenia, N. Y.

SUNSWICK POULTRY FARM

It is always a great pleasure for me to visit Sunswick Poultry Farm, not alone for the greeting and entertainment I always receive at the hands of Mr. Rufus Delafield, the owner, and John Arnot, the capable superintendent, but it is agreeable to visit a poultry farm year after year and be able to report progress and improvement each year over the other. I found this the case with Sunswick. When Mr. Delafield first started in breeding Buff, Black and White Orpingtons they were not so popular as they are at the present day and there was not the wide demand for them as there has been in recent years. At Sunswick each year's business has surpassed the previous one, and although it is one of the best equipped poultry farms in America, the volume of business became so great that Mr. Delafield realized that he must either increase the size of the plant, which would entail the hiring of additional help, or else dispose of two of the varieties of Orpingtons bred upon Sunswick. The latter was decided upon. As the Buffs were Mr. Delafield's favorite he decided to dispose of his Blacks and Whites, and in the future Sunswick Poultry Farm will specialize in the breeding of Buff Orpingtons and Buff Orpington Ducks. Because he is going to dispose of his Black and White Orpingtons it must not be inferred that they are in any way inferior to his Buffs, on the contrary, I never saw so many Blacks of extraordinary quality at Sunswick as I saw there at the time of my visit and the same could be said for the Whites, and Sunswick's big winnings at Allentown against all the big guns amply bears out my opinion and it clearly presages the fact that fortunate is the purchaser of the White and Black Orpingtons of Sunswick. Mr. Delafield stated to me that early in the season the egg trade fell off to a certain extent, on this account he only set eggs from his best pens, consequently they have a higher average and more crackerjack birds than ever before.

Their eggs hatched well, both for himself and his customers, in fact Sunswick never has any complaints of poor hatches. They never breed from a bird that isn't constitutionally perfect, and as their methods of housing and feeding are ideal the progeny of

the breeding stock on Sunswick have a reputation for vigor that is second to none. After mature consideration Mr. Delafield has decided to offer day old chicks for sale next season for the first. This will give breeders a chance that they have been looking for a long time, viz: an opportunity to purchase chicks from star matings. Mr. Delafield has had a modern incubator cellar constructed and is installing several Mammoth Incubators in order to be in readiness to meet any demand. I advise all readers, in all confidence, that they will be missing a great opportunity to start right if they neglect this opportunity to secure the very best birds upon Sunswick Poultry Farm. Visit the farm and be convinced. If you cannot visit the farm, don't be afraid to place your future in the hands of Mr. Rufus Delafield.

THE HOME OF THE ORPINGTONS

William Cook & Sons Poultry Farm

PARTRIDGE WYANDOTTES AND PARTRIDGE ROCKS

IDEAL POULTRY YARDS, SHILLINGTON, PA. A grand lot of young and year old birds for sale. Bred from our constant winners. Look up our records. Specials won wherever shown. If you wish to improve your stock, get the best in the world, bred by Ideal Poultry Yards.

America's Best Silver Duckwing and S. C. Buff Leghorns

Will sell my 1912 breeders off in single, pairs, trios and pens to suit the buyer. Prices furnished on application and all orders entrusted to me will receive my personal supervision.

THOS. PEER,

Sec'y-Treas. National S. C. Buff Leghorn Club.

CALDWELL, N. J.

Blue Ribbon Strain Buff Rocks

25 Hens and cock birds including my First Cock at Philadelphia, Pa., very cheap. Write quick.

KARL MICHENER,

ORRVILLE, OHIO

BUFF WYANDOTTES

A few select yearling breeders. Also young stock ready for early shows at reasonable prices. These birds win for me, "Why not for you?"

E. B. FELLOWS,

Box P-W,

SCOTTSVILLE, N. Y.

EAKIN'S WHITE WYANDOTTES

Can furnish exhibition stock bred from our last season's prize winners.

Quality excellent, prices reasonable. Write your wants.

F. M. EAKIN,

Box 61,

BUCYRUS, OHIO

FAIRFIELD WHITE ROCKS TO THE FRONT

At the Great Allentown, Pa., 1912 Show, won 1st cock, 1st cockerel, 1st pullet, also Col. Trexler Cup for best bird in White Rock class—have won this cup twice—we have as fine a bunch of White Rocks as we ever produced and can furnish winners from now on for any shows, also have a grand lot of good, strong, vigorous cockerels for breeders, also a limited number of pullets for sale—write just what you are wanting and we will give you quality and prices that will please you.

FAIRFIELD POULTRY FARM, H. W. Schnitzer, Prop., FAIRTON, N. J.

S. C. WHITE AND BUFF ORPINGTONS

S. C. WHITE AND BUFF LEGHORNS

BUFF ORPINGTON DUCKS

We have some grand young stock that can win for you at early shows. Look up our show record for the last five years.

DUNROBIN FARM,

RED BANK, N. J.

S. C. Rhode Island Reds

We offer some splendid early hatched cockerels in both above breeds at a bargain. They have been carefully bred and reared. Excellent in shape and color, and will satisfy. Write us for prices. HILLDALE POULTRY FARM, Krentel Bros., Prop., Box A, EAST LANSING, MICH.

S. C. White Leghorns

Rhode Island Reds ROSE SINGLE

ESTABLISHED 1885

Harry's record-laying and prize-winning strain, have won at New York State shows, Chicago, Boston and Providence. Breeding and show room stock at reasonable prices. Eggs for hatching year-around.

ELM POULTRY FARM

W. S. JAMES, Telephone 28-2, MANSFIELD, MASS.

LONG'S

WHITE WYANDOTTES

Several good cockerels for sale. Eggs, \$5 and \$3. Send for mating list.

W. H. LONG, 245 S. Ave., Rochester, N. Y.

or park consists of 200 acres and is situated in Scotch Plains, N. J., on the main automobile road from New York to Philadelphia, Newtown and other cities. On this road thousands of cars, vehicles, motor cycles, bicycles with their human freight pass daily and they have to pass right through one of the most noted poultry farms in America, if not in the world, and large numbers of them stop, attracted by the beauty of the surroundings within and without the place, and then again many are led to visit the place owing to its world wide reputation and hundreds visit it on business. Incredible as it may seem, the enormous total of over five thousand visitors registered at Wm. Cook & Sons, Sunday, November 10th, 1912. I will not attempt to describe in detail this great poultry farm at this time. I will only give a few salient facts for my readers to digest at this time, facts that will belie the statements made by the more timorous, who pessimistic by nature endeavor to throw cold water on the future of one of America's greatest and most popular industry.

To begin with, Percy Cook informed me that the sales of the past year amounted to over one hundred and twenty-seven thousand dollars, although this year has been considered dull by many. As an indication of what they are doing, he cited five days' sales that amounted to over five thousand dollars, and Mr. Cook further averred that orders and inquiries for high-class show and breeding stock were never so numerous as at the present time. A new incubator cellar is in the course of construction and I also noticed a splendid new conditioning house. This is built after an original design by Mr. Cook. I would call it a monster show room, with every pen on the ground floor. Each pen is 4 to 5 feet in size, the entire floor space being laid out in aisles, just as we find the coops in the show room, only the pens have no closed tops on, Mr. Cook claiming this feature will keep the combs from growing big and coarse. Mr. Cook is much pleased with himself over his new house. He was also well pleased with his trip south and winnings of his birds at several big shows. His first pen of Buffs at Memphis, Tenn., won silver cup for best pen of Orpingtons in show, while the first prize Black Orpington cockerel won cup for best bird in the English classes. They entered a big string at Birmingham, Alabama, but finding so many of their customers were exhibiting, they withdrew, not caring to compete against birds that they sold. Here every first prize except two were awarded to Cook strain Orpingtons.

At Shreveport, La., they won in Buffs, 1st hen, 1, 2 cockerel, 1, 2, 3 pullet, 1st pen. In Blacks, all firsts. Whites, 1, 2 cockerel, 1 hen, no cock birds being shown in any class.

The new feature of offering 50 silver cups, each valued at fifty dollars, for Blue Ribbon winners of the Cook strain is proving very popular, two of these cups have been won already this season. I had quite a discussion over the birds bred and raised on their English Farms, of which they have two, when they bred Orpingtons to suit the requirements of the American fancy. The English fanciers demand a far different style of bird than those favored in America. I cannot fully describe the farm at this time, neither can I tell our readers all the good things about Orpingtons that I learned from Mr. Cook's own mouth.

Mr. Cook plans to make the poultry

SWORN PROOF

307 Chicks from 307 Eggs

That's the Record of Mrs. F. J. Russell,
Summerdale, N. Y., in the season 1912, using the

AJAX IMPROVED OXYGEN VITALIZER

Read--Sworn Proof

F. J. RUSSELL,

Breeder of High Class Poultry.

Summerdale, N. Y., July 12, 1912.
Reliable Poultry Specialty Co.
Gentlemen: It affords me much pleasure to furnish you with a report of my work with your AJAX IMPROVED OXYGEN VITALIZER for 1912. From my first hatch, I secured a big, strong chick from every egg but two. On the second hatch a chick from every egg but six, and on my third hatch of the season 307 chicks from 307 fertile eggs. I cannot speak too highly of the great worth of this truly wonderful device, and I heartily recommend it to all poultrymen and poultrywomen throughout the world.

With best wishes, I am,
Very sincerely yours,
MRS. F. J. RUSSELL.
Under Sworn to before me this 12th
Seal day of July, 1912.
C. R. CIPPERLY,
Notary Public.

Still More Proof

\$126.80 Saved
In One Season

WYANDOTTE FARM,
Berwyn, Pa.

Berwyn, Pa., Nov. 1, 1912.
Reliable Poultry Specialty Co.
Alexander, N. Y.

Gentlemen: So that you may fully realize what your AJAX IMPROVED OXYGEN VITALIZER did for me in 1912, I respectfully submit the following comparisons with the year 1911.

I used the same machines in 1912, and set the same number of eggs that I did in 1911. Chicks hatched in 1911, 1370; chicks hatched in 1912, 1750, using Vitalizer; chicks saved in hatching, 380. Lost from White Diarrhoea in 1911, 30 per cent., or 411 chicks; lost from all causes in 1912, 9 per cent., or 157 chicks; saving as a result of using Vitalizer, 254 chicks. Total chicks saved in 1912 as compared with 1911, 634. Value of 634 chicks at 20c each, \$126.80.

In my experimental work of the season I fully proved to my entire satisfaction that the AJAX IMPROVED OXYGEN VITALIZER is a positive preventive of chicks dying in the shell and of White Diarrhoea.

You may use this letter as fully as you choose because the Poultry World ought to know the real value of this wonderful scientific device.

I wish you much success in 1913.

Yours very truly,
M. D. NEWCOMB.

ONLY eight eggs in an entire season's work that did not produce a big, strong, vigorous chick. Not a case of White Diarrhoea in the whole season. Do you want these results? If so, use the AJAX IMPROVED OXYGEN VITALIZER. "Oxygen is Life." The Vitalizer supplies oxygen to baby chicks when they are striving to overcome carbon dioxide poisoning and get into the world. The AJAX IMPROVED OXYGEN VITALIZER is a stop cock forged by science to cut off those frightful losses which come from "dead in the shell chicks" and White Diarrhoea. It does just what science intended it would do, and we give you sworn proof of this fact in the letter of Mrs. Russell. Sworn proof is the best proof, and every man or woman who disregards sworn proof, has no right to complain of "hard luck" and make that an excuse for failure. The AJAX IMPROVED OXYGEN VITALIZER is not a promise, but a proven fact. There is not a poultryman in the world who does not know of the losses that come each year from "dead in the shell chicks" and White Diarrhoea. There is just one thing that will stop them, and that is our AJAX IMPROVED OXYGEN VITALIZER. It will do for you what it did for hundreds in 1912. It can be attached to any incubator in two minutes. It lasts a life time. It costs \$3.50 delivered to you anywhere in the United States. So simple in operation that a child can run it. It is sold under our printed, officially signed "money back" guarantee which goes with every Vitalizer. It will pay for itself many times over the very first hatch. Valuable booklet and scores of testimonials free upon application. There is only one "AJAX IMPROVED." Buy no other. Order today. Be all ready for your first hatch. Do It NOW.

BULLETIN

New York State College of Agriculture

"OXYGEN is essential to normal development, the amount required increasing with the growth of the embryo. The eggs give off carbon dioxide and this increases as the embryo grows."

The AJAX IMPROVED OXYGEN VITALIZER delivers just the right amount of oxygen, 99 3-10 per cent. pure, to the egg chamber just when the chicks need it most. RESULT! A big, strong chick from every egg.

See Mrs. Russell's letter above.

Reliable Poultry Specialty Co.

Arcade Building, ALEXANDER, N. Y.

References as to responsibility: Bank of Batavia, Batavia, N. Y.

S. C. BLACK MINORCAS Moyer's Strain
Are bred to lay eggs and win prizes. For sale, 10 hens, 15 pullets, 1 cock and 10 cockerels at reasonable prices. Eggs \$5.00 per 15.

A. C. MOYER, WATERLOO, ONT.

WHITE WYANDOTTES

A choice lot of youngsters bred from our Philadelphia and Camden winners. Write your wants.

Cedar Hill Poultry Farm, Box No. 5, Newportville, Pa.

Zeller White Orpingtons

A choice lot of March, April and May Chicks for Early Shows.

Special prices on this year's breeders. L. P. ZELLER, MILTON, IND.

S. C. REDS

Grand lot of young exhibition stock now maturing—Write me your wants.

J. H. CROSSLEY, Box 177, MAGNOLIA, N. J.

Duston's White Wyandottes

The Acknowledged Leaders
Win at leading shows from coast to coast. Describe your wants and send for printed matter.

Arthur G. Duston, So. Framingham, Mass.

R. C. Black Minorcas Exclusively

WINNERS at all leading shows in America. Have won more 1st and 2nd at Madison Square Garden than any other exhibitor or breeder. Show and breeding stock for sale. Mention A. P. W. T. A. McKITTRICK, Hudson, N. Y.

BUFF WYANDOTTE BARGAINS

Summer prices now on for my breeding stock. Blue ribbon winners Madison Square Garden and Boston included. Real snags.

DR. N. W. SANBORN, R. F. D. No. 424, HOLDEN, MASS.

QUALITY REDS ROSE COMB ONLY

Eggs, \$3.00, \$5.00 and \$10.00 per 15. Fertility guaranteed. Order from this ad.

L. L. NOLL, Life Member A. P. A., MARION, OHIO

200 COLUMBIAN WYANDOTTES

for sale. Good breeders \$3 to \$5 each.

Harry B. Miller, R. F. D. No. 1, Clarks Summit, Pa.

Tracey's Single Comb Reds

Eggs from choice matings, \$3 and \$5 per setting. \$10.00 per hundred. A few nice Breeders for sale.

C. S. HUDSON, NEW BALTIMORE, N. Y.

SOMETHING TO CROW ABOUT

HEN-E-TA

About 30% Tri-Calcium Phosphate
Popularly Called **BONE ASH**

NO OTHER BONE NEEDED NO OTHER GRIT NEEDED

NO MORE BONE CUTTERS NEEDED
NO MORE BEEF-SCRAPS NEEDED
NO MORE CHARCOAL NEEDED
NO MORE OYSTER-SHELLS NEEDED

VALUABLE BOOKLET FREE
100 lbs. - \$2.25
500 lbs. - \$9.00

Balanced Ration Formulas Free

If you will give us your dealers name and address.

HEN-E-TA BONE CO.
NEWARK, N. J. ST. LOUIS, MO. PITTSBURGH, PA.

POTTER PORTABLE

FRESH AIR NO YARD SANITARY

\$22-POULTRY HOUSE

This House—7 feet high, 6 feet wide, 8 feet deep—a fine one for 25 hens. Just right for the backyard or vacant lot. Hens will lay the year "round" in a Potter fresh-air house. High-grade material and workmanship guaranteed. Made of inch red cypress flooring painted two coats, complete with Potter V. E. roosts, dropboard, nests, feedhopper, fountain, etc. You could not build this house for \$25.00. Buy our factory made houses and save money. 2 Big Catalogues (132 pages and over 150 illustrations) showing Potter Portable Houses, coops, hoppers, roosting and nesting fixtures in all styles and sizes. You need Potter goods. They are made right and sell at right prices. Our catalogue mailed for two red stamps to cover postage. Write today. Potter & Co., Box E 16, Downers Grove, Ill.

farm one grand park, with Orpingtons of all combs and colors, the ruling attraction. I invite all my readers to pay a visit to Mr. Cook and the great poultry farm he so ably conducts.

LINFIELD POULTRY FARM

That Linfield Poultry Farm produces many of the world's best Buff Rocks was the opinion I formed after a recent visit to this noted farm, which is undoubtedly the home of one of the greatest strains of this popular variety in the world today. Linfield is prepared to fill almost any order or to meet any emergency. They are ready to show or they are ready to furnish a show. They can fill a whole show with good Buff Rocks. They can furnish you with a string that can clean up at almost any show in the world. They are furnishing winners right along, and they have plenty of them yet, some 3,500 to 4,000 birds to select from, and such a flock of "Pure Gold" one can not imagine the beauty of a big flock of real buff birds until he visits Linfield Poultry Farm.

This season their matings were wonderfully successful and as the demand for eggs for hatching was not up to what it would have been if the weather had been more propitious early in the season, consequently they were able to hatch only from their choicest matings, and this may account for the wonderful even flock of high quality birds. I did not see a cull.

Mr. Meyers, I found, as usual, working in the office, going over an unusually large morning's mail that contained several orders for strings of show birds, also inquiries from others that intend to show, and the prospects of a big sale of stock were very bright. I found Mr. Poley out among the birds, picking out specimens to fill an order to go west—a cock, hen, two cockerels, two pullets and a pen. It looked as though somebody was going to show somewhere. Mr. Poley did not tell me who it was so I did not inquire, but I will predict that whoever got that string did not get beaten. Mr. Poley knows how and what to select. I class him among America's best breeders. He has perfected the Poley's Buff Rocks, one of the greatest strain of a color that is admitted is the hardest to get and keep, and I invite my readers to send for the handsome catalog published by Linfield Poultry Farm. It describes all the noted birds that have made themselves famous by their winnings at the world's premier show, Madison Square Garden.

FOXHURST FARM

Lime Rock, Conn., is proud of the grandeur and beauty of its surrounding scenery. It is proud of the great Barnum & Richardson manufacturing plant, but it is proudest of all of the prestige of Foxhurst Farm and its matchless strain of S. C. Black Orpingtons. I say matchless and it sounds big, but if one takes into consideration the winnings of Foxhurst Farm during the past decade at "Grand Old Madison Square Garden" against the best birds that the world has produced, one must conclude that the word matchless as applied to Foxhurst Farm's S. C. Black Orpingtons is not misplaced. A pleasant feature of Foxhurst Farm winnings is that they have always raised their own winners.

I recently visited Foxhurst, where I found Chas. Hubbard, the able superintendent, busy among the poultry, and it is my candid opinion that if there is one man that can justly claim pre-eminence as an expert Orpington

BUFF WYANDOTTES WHITE
Winners at leading shows for 14 years. Special prices on 1912 breeders. 1000 growing chicks for the fall and winter shows. Circular Free.
SQUARE DEAL POULTRY FARM, MAYSVILLE, KY.
Power & Cabbish, Props.

POULTRY BOOK FREE

Write today for a free copy of Prof. Cottrell's book on Scientific Poultry Raising.

L. M. ALLEN, P.T.M.,
Rock Island Lines, 458 La Salle Station, Chicago, Ill.

World's Foremost

White Wyandottes
Most prominent winners at the leading shows of the U. S. and Canada for past 15 years. Many owe their success to my strain.

J. H. JACKSON, L. Box 80, HUDSON, MASS.

EXCELSIOR

ARE BEST.
Direct to you at Factory Price.

INCUBATORS

Write for Free Book.

GEO. H. STAHL, 222 Oak St., QUINCY, ILL.

SILVER CAMPINES

"THE FOWL OF THE FUTURE." A clean sweep and Champion Winners at Illinois State Show and Indianapolis, 1912. Write for free literature.

HECK-BATES FARM, PITTSFIELD, ILL.

ROSE COMB MINORCAS

First Prize Winners New York. Exhibition birds for any show. Breeding stock of great laying qualities. Eggs for hatching in any quantity, guaranteed. Catalogue free.

A. G. CLARK, SEYMOUR, IND.

ABERNETHY'S HOUDANS

Bred for Quality, not Quantity

Winners at the Big Houdan Show, Philadelphia, 1911.

JAS. ABERNETHY, Main St., WEST PEMBROKE, MAINE

S. C. WHITE ORPINGTONS

I am now able to dispose of a few extra snow white birds of extra quality. Book orders early.

ROBERT S. DOMBAUGH, M. D.,
1213 E. Church Street, Marion, Ohio

IF INTERESTED

In White ROCKS that are full of vigor and vitality—that win, lay and pay—write

L. C. Bonfoey, Box A, Vernon, Conn.

Dr. Sudler's Single Comb Reds

We won first hen at the last Big Philadelphia Show and she was Red. If you wish to raise the same kind, order eggs from us. A few choice birds for sale.

Address
DR. FOSTER SUDLER, SUDLERSVILLE, MARYLAND

GRANNIS BROS., Buff, White, Black

ORPINGTONS

238 Prizes at 7 Shows. Some exceptionally choicest breeders at reduced prices. Young stock now ready. The finest lot of poultry and cockerels we have ever raised. Send for catalogue.

GRANNIS BROS., R. F. D. No. 14,
LA GRANGEVILLE, Dutchess Co., N. Y.

An Ideal Poultry House

Complete \$1.00

This is the season of the year when you should build the laying houses for your fall pullets. The Ideal Poultry House has been tried by poultrymen in all kinds of climate, from cold far north to the warm climate of the south, and in every instance has proven to be O. K. It cannot get damp; birds combs cannot become frosted in cold weather; fowls will always be contented in a house of this kind. Hundreds of free testimonials from pleased poultrymen. Full plans, including cost of materials, measurements of boards, etc., all for a one dollar bill. If after receiving plans, you are not fully pleased return them and your money will be refunded. Isn't this fair.

GEORGE RUSH,

3074 Webster Ave., Box 1, Bronx, N. Y.

breeder and grower that man is Mr. Hubbard. I found at Foxhurst an ideal poultry plant, and one of the handsomest I ever visited. The buildings are all constructed with an eye to the health and comfort of the birds. A feature was the quarters and runs for the development and conditioning of the best specimens and in these quarters are always to be found birds ready and in condition for any show that their customers may wish to exhibit. In these runs I saw some of the finest Black Orpington cockerels and pullets that it has ever been my pleasure to see, such size and development is rare, several cockerels that were hatched in April would weigh nine pounds and their glossy green black plumage, without the slightest trace of purple, combined with the true Orpington shape, made them a sight worth going miles to see.

Mr. Hubbard said "he had never experienced any trouble in attaining standard weight for the earliest show." He says it is all in the strain. The Foxhurst strain of Black Orpingtons have been carefully bred for years, size and stamina coupled with the true Orpington shape as well as egg producing qualities have been the points of excellence that Foxhurst Farm have endeavored to attain and they have succeeded. Foxhurst has never attempted to raise an over large flock, consequently their supply of sale birds has always been limited, but they have been gradually increasing their capacity until at the time of my visit they were in shape to meet almost any demand. Foxhurst Farm Orpingtons are hen hatched and raised. One of the best features of the farm is the new hatching building in which the hens are set and carefully watched.

There is no denying the fact that the S. C. Black Orpington is the Orpington that has adapted itself to the American climate. They meet every requirement, they fill the egg basket and they are the leaders in the show room. How often do we read that the best bird in the show prize has been won by Black Orpington and how often do they lead in the egg laying contests, and the strain that possesses both the standard and utility points, is the S. C. Black Orpington bred in all its magnificence and purity on Foxhurst Farm, Lime Rock, Conn.

GREEN CUT BONE FOR POULTRY

Green and dry bone can be procured from the butcher for .00½ per pound, when cut its feeding value is worth at least 3 cents per pound, the saving is readily seen by any poultry raiser. Green or dry bone is an inexpensive food for poultry and will produce the very best results. When hens get such food they lay in abundance. Experience shows that of all egg-producing foods, green bone and meat produce the best results. A hen will do her part if fed green bone.

There is no question of its importance to both egg and muscle production. Eggs are wanted when they are worth the most, and can be produced at the least cost. It is the poultryman's business to furnish his fowl with animal food in some form. It gives the hens the material from which to make the eggs.

It is well known among poultrymen that feeding green or dry bone with meat and gristle is necessary for a

large production of eggs. Nature prompts the fowl to seek food of this kind.

Cut bone is easily obtained by poultrymen if they take the time to look into the different line of bone cutters. It is very necessary to secure a bone cutter that can be operated easily and without effort and that will last for years; inferior bone cutters have discouraged many poultrymen. Bone is a hard substance to cut, but can be readily done by procuring a superior bone cutter. The Standard Green Bone Cutter Co. manufacture eleven different sizes for hand and power, they warrant every machine they ship, if it does not do as they represent in their catalogue it can be returned and they will refund the money. They ship on ten days' trial without any expense to purchaser, if the machine does not do as they represent it can be returned. Send for free trial plan, to Standard Bone Cutter Co., Milford, Mass., and mention AMERICAN POULTRY WORLD.

OCULUM

The attention of the readers is called to the "Oculum" advertising found on page 165 this issue. This remedy has been endorsed by well known poultrymen, who have found it a valuable remedy. Poultry keepers who are having trouble in their flocks with colds, roup, canker and other poultry diseases should try it. It is sold on a guarantee to do the work or "your money back."

*** Do you want to succeed? Then send for a copy of "Successful Poultry Keeping." One dollar will bring you a copy ***

EVERETT'S SINGLE COMB REDS

"Color Strain" Champions of Central New York. Have some fine cockerels bred from same pen that produced our State Fair winners for sale—are show birds. Address C. W. Everett, Waverly, N. Y.

Quality R. C. Rhode Island Reds

My chicks are fine and better this year than ever before. Will have a fine lot to sell in December and January.

E. M. DUTTON,

NEWFANE, N. Y.



ON TIME all the time with this time keeper.

Perform a two fold service for less than the ordinary price of one. First, attractive desk, dresser or wall clock. Convenient to carry from place to place for a poultryman when keeping record time in operating incubators and brooders. Second, remove the gun metal case—easily done—and you have a good watch of convenient size. Satisfaction guaranteed, we give a combination clock and watch for only \$1 and include a subscription to a quarterly magazine, devoted to special crops and intensive farming, with special attention to the care and handling of poultry. Tells how to make \$200 per acre per year on any farm from 5 to 100 acres. Good Poultry alone, 10 cents a copy; 25c a year. It is free with \$1.00 order for the clock-watch. Agents wanted, write today.

GOOD POULTRY to special crops and intensive farming, with special attention to the care and handling of poultry. Tells how to make \$200 per acre per year on any farm from 5 to 100 acres. Good Poultry alone, 10 cents a copy; 25c a year. It is free with \$1.00 order for the clock-watch. Agents wanted, write today.

SHOREWOOD FARMS CO., Saugatuck, Mich.
City Office — 11 N. Market Street, Chicago, Illinois

SILVER SPANGLED HAMBURG

Sly's Silver Spangled Hamburgs are invincible. Partridge Rocks from best blood lines in America. Stock and eggs for sale. Write your wants. Don't fail to send for mating list.

R. D. SLY for Hamburgs, CARL H. SLY for Partridge Rocks, WEST CLARKSFIELD, OHIO

Better Place Your Order for Eggs from The BEST WHITE RUNNERS NOW

Our record at Madison Square, Augusta and Atlanta indicates the quality of our stock. It takes quality to win at these shows, where we won six out of a possible seven firsts, two seconds, one fourth and six specials. Mating List Free, ask for it. Eggs \$10.00 per twelve.

RENDOTTE FARM, P. O. Box 300, ATLANTA, GEORGIA

Coe's Light Brahmas

An unparalleled record of 314 first and second prizes during the past three years. Quality birds fit for any show in this country.

CLAUDE E. COE,

LEXINGTON, OHIO

MAHOOD'S SINGLE COMB REDS

Silver Cup and Blue Ribbon winners at St. Louis, Missouri State and Oklahoma Interstate shows. We have many splendid fine cockerels and pullets that will win for you at the November and December shows and we **guarantee to please you** whether you buy show stock or utility. Our cockerels are especially strong in wing markings. Old stock and young for sale at **reasonable prices**.

E. W. MAHOOD, 533 Sunnyside Ave., Box 10, WEBSTER GROVES, MO.

WHAT BETTER BLOOD LINES CAN YOU GET?

What you sow that also shall you reap. Kellerstrass White Orpingtons - Duston White Wyandottes - Oakland White Leghorns. When you want quality we have the best. **PRICES OF EGGS**—12 eggs guaranteed fertile out of each setting. White Orpingtons, \$4 per 15 eggs. White Wyandottes, \$3 per 15 eggs. White Leghorns, \$1.50 per 15 eggs. Write us your wants, we guarantee to please you.

SCHLAYBACH & FRANCIS,

Office, Hartman Bldg.

YORK, PA.

The World's Best Weckler Buff Rocks

They have been line bred for the past 15 years and I have made a specialty of high class show and breeding birds. I have bred, showed and sold more prize winning birds than all other Buff Rock breeders in the State of Indiana. I have mated for this season 4 grand matings. They are mated for best results—every bird is a high class breeding bird as well as many of them prize winners in the show room. All true to Rock shape, up-to-standard weight, heavy bone, extra good eyes and combs. **Eggs from this mating, \$5.00 per 15, \$8.00 per 30, \$20.00 per 100 Eggs.** I have also mated a fine lot of utility birds, all large, good color, strong and vigorous. \$1.50 per 15, \$6.00 per 100 Eggs.

A. L. WECKLER,

BUNKER HILL, IND.

CHRISTIE'S SINGLE COMB

WHITE AND BROWN LEGHORNS

Remember we are the originators of these two famous strains of Leghorns, and in the hands of our thousands of pleased customers, they have proved just as we have represented them for the past twelve years—the **greatest layers of large, white shelled eggs in the world to-day.** Our 24-page catalogue is at your disposal. Write for it.

WAYNE POULTRY FARM, F. W. Christie, Prop.,

Box 67,

STONY POINT, N. Y.

POULTRY WORLD AFFAIRS

The Advance Poultry Journal, formerly published at Beloit, Wis., has been purchased and will be consolidated with Poultry Herald of St. Paul, Minn.

Horace L. Wilcox, Portland, Conn., who has been associated in the poultry business with Chas. F. Stout of New York, has severed his connection with Mr. Stout and has returned to Middletown, Conn., his former home, and will devote his entire time to his White Wyandottes.

John P. Ritz, formerly of Pennsylvania, died of pneumonia, October 26th, at his home in Inglewood, Cal. Mr. Ritz was a judge and breeder of wide experience and his death will be a severe shock to his many friends, both in the east and at his late home on the Pacific Coast.

Oscar W. Payne, Scranton, Pa., who has been secretary of the Scranton Poultry and Pet Stock Association for several years, has resigned his position, as his business connections required that he move to Pittsburgh, Pa. To fill the vacancy the association has appointed A. W. Close, the former secretary.

Daniel Allen, one of the oldest members of the A. P. A. and a member of the committee of five that drafted the original Constitution and By-Laws and of the committee that nominated the first officers of the association, died October 2, 1912, at his home at Bowmansville, Canada, at the age of 80 years.

A school children's poultry course has been instituted by the Buffalo, N. Y., Poultry Club. The classes are free to all boys and girls and are given weekly. The course consists of the Cornell lessons used at present in the rural schools of the state. The first instruction was given on Sept. 28th, by Prof. Krum of the Agricultural College, Cornell, University.

At the North Carolina Agricultural College no regular poultry course is provided for, but poultry instruction is given with all the agricultural courses. There has been some experimental work with poultry and this has been confined mostly to feeding experiments. Cotton seed meal has been used as a substitute for beef scraps, but the results have been anything but satisfactory owing to the non-palatibility of the meal when used

in sufficient quantities to substitute beef scrap or other animal food.

During the past year a mash composed of two parts bran, two parts corn meal and one part bone meal has given good results and will be continued for another year. The Petaluma system of brooding will also be tested.

A grand total of 13,175 entries (counting 564 rabbits) justifies the claim made that the Crystal Palace Show, held in London, England, the second week of November, 1912, is the largest show in the world. Orpingtons this year led all other classes with 1,067 single entries, an increase of 149 over 1911; Wyandottes showed a gain of 31 over 1911 and numbered 794 specimens; Rhode Island Reds jumped from 63 two years ago to 154 this year; Plymouth Rocks dropped from 220 to 218; Leghorns gained 58 and made a good showing with 268 specimens; Campines also made substantial gains, 149 birds being entered. Other popular classes were represented as follows:—Minorcas, 203; Dorkings, 170; Sussex, 227; Croad Langshans, 139; Anconas, 149; Indian Games, (Cornish) 149; Faverolles, 101; Cochins, 83; Bantams, 1,376; Old

Barred Rocks Neafie Bros. White Rocks
Madison Square Garden—Philadelphia—Trenton Fair
We have egg orders booked from some of the largest and oldest breeders in America. Another convincing fact. Some fine stock for sale. We raise all our winners.
Neafie Bros., Drawer N-1, Spring Lake Beach, N. J.

PARTRIDGE ROCKS
ALSO COLUMBIAN, Silver Penciled and Barred of high-class. J. A. HAGEMAN, President Partridge Plymouth Rock Club, Box W, Charlotte, Mich.

WHITE WYANDOTTES Quality Counts. If you want the best come to me. Look up my show record.
Several Choice Cockerels for sale.
M. A. JOYCE, 63 18th Avenue, COLUMBUS, OHIO

ROYAL SCARLET STRAIN S. C.—RHODE ISLAND REDS—R. C.
Possess the type and color that places them among the leading strains of today. Winners at New York State Fair, Orangeburg and elsewhere. Stock and Eggs for sale.
J. C. BOYAN, Box W, NYACK, N. Y.

HORSESHOE POULTRY YARDS
Breeds the Best Columbian Wyandottes. We have won at Madison Square Garden and other important shows. Some splendid Show Birds for sale.
HORSESHOE POULTRY YARDS, Fred Minch, Prop., Hicksville, N. Y.

PURITAN STRAIN ROSE COMB BLACK MINORCAS
Produce Results — Ask

Arthur M. Moody, Box W, Newburyport, Mass.
BLACK MINORCAS Special sale of 200 grand breeders at Bargain Prices. Send Now for sale sheet.
HAROLD W. GOULD, LAKE GROVE, N. Y.
Member American Black Minorca Club.

Indian Game and Wyandotte SPECIALIST

White and Cornish Indians. White, Silver Laced, Silver Penciled, Golden Laced, Partridge, Buff and Columbian Wyandottes...
Write for Catalogue and winnings.

H. J. HUNT, 3rd. BETHESDA, MD.

HOUDANS

that win best display at Philadelphia and both New York Shows.

F. J. REVELEY, EAST HAVEN, CONN.

PEIFER'S BARGAIN SALE

12 cocks, 40 hens, 25 cockerels and 50 pullets, \$2.50 to \$10.00 each. Write for catalogue and see cuts of recent winners at Scranton, 1912, A. P. A. Meet.

JOHN C. PEIFER,

DANVILLE, PA.

COLUMBIAN MAPLE GROVE FARM INDIAN

PLYMOUTH ROCKS

My quality strain of both varieties are equalled by few, and surpassed by none as my record in leading exhibitions will prove. I have the choicest lot of young stock in each breed that I ever raised. Hundreds fully matured and fit to win. Prices reasonable. Write your wants.

H. M. Munroe, Maple Grove Farm, Lexington, Mass.

RUNNER DUCKS

RILEY'S ROSE COMB REDS

Winners at Buffalo, Pittsburgh and Syracuse State Fair. If you need color write me. Have a few splendid trios.

C. E. RILEY, Broadway & Fillmore, BUFFALO, N. Y.

FAIRVIEW WHITE ROCKS

Winners at Illinois, Indiana, Kentucky, and Tennessee State Fairs, Chicago, Indianapolis, Louisville, Memphis and scores of smaller shows. Winners in the Louisville Evening Post Egg Laying Contest. Breeders, trap-nested and mated for increased egg production as well as standard requirements. Write me your wants fully. I have the birds to fill them.

GUY DAILY,

Box G,

JEFFERSONVILLE, IND.

WE ARE CLOSING OUT

Some of our different breeds. A rare chance to secure high-class birds in Rocks, Reds, Wyandottes, Dark Cornish and Blue Andalusians. All must go at a price that will move them quickly. We also have a lot of S. C. White Leghorns to spare, Cockerels, full grown, large, strong, healthy and vigorous. A fine bunch. Pullets commenced to lay in June, at the age of 4½ months. No better laying strain on earth, nor will they disappoint you in the show room. Let us quote you prices on stock. We sell on approval.

THE HARTMAN STOCK FARM POULTRY YARDS, E. T. Jacobs, Supt.

Box P. W.,

COLUMBUS, OHIO

English Game, 286; Brahmas, 101; Turkeys, Ducks and Geese, 572. In the Belgian section 153 varieties of Belgian Bantams were exhibited.

W. S. Templeton, the well-known breeder of Cornish Fowls, has removed from Dakota, El. to Los Gatos, Calif. Mr. Templeton, who is an ardent fancier of the Cornish fowl, will find them great favorites on the Pacific Coast and obtain considerable interest from the keen rivalry that exists among many breeders and exhibitors of his favorite variety in that section. His many friends among breeders of the east and central west wish him well in his new home.

The Y. M. C. A. of Mansfield, Ohio, have opened an evening school in practical subjects, among which is Poultry Culture. S. T. Campbell of Mansfield, secretary of the American Poultry Association, and Herbert H. Knapp of Tiro, Ohio, will be the instructors in the poultry course. The selection of these two gentlemen than whom there are no better posted on poultry matters in the Buckeye State, assures all students enrolling in this course competent and thorough instruction.

The law enacted during the last session of Congress creating the new parcel post will go into effect January 1, 1912. Those wishing to avail themselves of the benefits to be derived by sending fourth class matter in this

manner should bear in mind that a special stamp is required for this branch of the service. Those used for the regular mail service will be of no value on a package that is to be sent through the new parcels post. Stamps of a special design will be issued and these will be in denominations of 1, 2, 3, 4, 5, 10, 15, 20, 25, 50 and 75 cents and \$1.00. Be sure to ask for the special stamp if you wish to use the new parcels post.

The records for the four highest producing hens at the Cornell Agricultural College are as follows:

	1st	2nd	3rd	year	year	year	Total
Lady Cornell....	258	200	186	643			
Madam Cornell..	245	131	158	534			
Cornell Surprise.	180	186	196	562			
Cornell Supreme	242	186	213	653			

Lady Cornell's third year ends December 6, 1912. Madam Cornell's on November 24, 1912, and Cornell Supreme on December 10, 1912. Cornell Surprise completed her third year on December 4, 1911.

The Ohio State Poultry Association will hold its annual exhibition at Columbus, Ohio, January 21 to 25, 1913. This is one of the leading and best managed shows in the middle west "where winning is worth while," as the popular secretary, John T. Heizer, puts it.

Spratts will coop the show and from the way requests for entry blanks have been coming in for the past two

Crown Bone Cutter
Hens fed eat green bone lay more eggs. Get a Crown Bone Cutter. Send today for catalogue. WILSON BROS., Box 825, Easton, Pa. **BEST MADE Lowest in Price**

We Guarantee to Make Hens Lay
NO EXPERIMENT BUT A FACT
THAT HENS will do better and lay $\frac{1}{2}$ more eggs if they have clean, fresh water in the summer and warm water in winter. Our Fountains will not only meet these requirements but will help keep the hen house warm in the winter.
Our Combination Fountain and Feeder warms the water and keeps the Grain warm which will make your hens lay in freezing weather. Don't go through the winter the old fashion way. Get one and be convinced. Our fountains are **Safe, Sanitary and practical.** We have several styles ranging in price from \$1.25 to \$5.00. **Our Book is Free** describing Fountains, Feeders, Exercisers, Oat Sprouters, Incubators, Brooders, and all poultry house fixtures.

WENDELL INCUBATOR CO. HOLLY MICH. MENTION THIS PAPER

We Shall Not Exhibit This Season

As previously announced, we shall not exhibit this fall or winter. "The World's Show Record" that our Rose Comb Reds now hold is universally known. After touring America and winning more first prizes than all our competitors combined we decided that with the ending of the last Madison Square Garden, New York Show we would stop off showing for one year and give our customers their chance to win the honors at the best shows held in America. Our unequalled victory at the New York Show last year is still fresh—fresh in your minds. More firsts than all competitors combined. The Rhode Island Red Club of America Cup for best cock, hen, cockerel, pullet and pen. The second year straight that we were the only breeders to carry all specials on female, and making a new record in the classes of both cockerels and pullets. A clean sweep of both first and second.

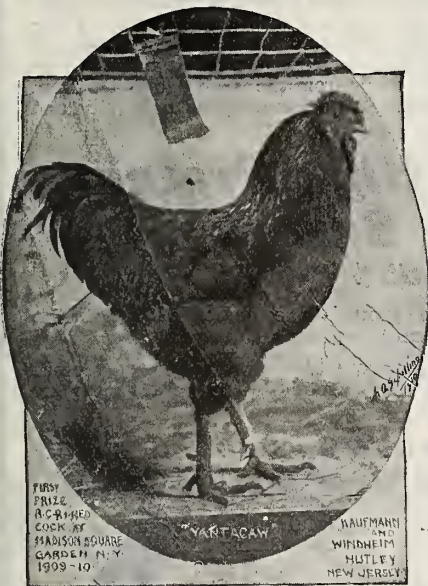
Our Flock Stands To-Day

some 1800 head and without question or argument the best in America. No breeder can equal what we have in flock or singly, cock, hen, cockerel, pullet, pen. This is a broad assertion but we have proven in the past all our claims and the birds we have here will prove this winter, in the hands of our customers, that they lead all the others.

If You Want to Win and win right and in the right place no breeder can fill your wants as well as we can with our famous "Bill Taft Line." Our American Beauty Strain is the backbone of many of the other strains that are popular to-day and birds of our breeding are winning in every section.

Stock For Sale from \$2.00 each and upwards. Good breeding birds, exhibition birds and utility birds. All sired by males bred down from the famous "Bill Taft." **Write To-Day** for our handsome free catalogue. The finest ever issued on Rhode Island Reds.

KAUFMANN & WINDHEIM, Originators "American Beauty Strain" R. C. Rhode Island Reds, NUTLEY, N. J.



months, the largest and best show in the history of the association will be held next month. The judges who will officiate are Drevenstedt, Hewes, Gault, Hark and Fisher.

—0—

On October 28th a poultry demonstration train left Syracuse, N. Y., over the New York Central Lines and arrived at Batavia, N. Y., on October 31st, having made several intermediate stops.

This was the first train of its kind ever run by the New York Central Lines and it was done in co-operation with the New York College of Agriculture at Cornell University, Ithaca, N. Y.

Upon the result of the experiment will depend whether or not similar trains will be run through other sections of the state. The stops scheduled for this train varied from two to six and one-half hours.

—0—

The latest development in poultry instruction involves the use of moving pictures. The adoption of the moving picture machine in this direction is the idea of Prof. Jas. Dryden of the Oregon Agricultural College Experiment Station. This feature was introduced at the college demonstration at the Oregon State Fair and not only did it furnish amusement to interested visitors, but proved its educational advantages as well.

In the film story, the plot of which is laid upon the farm, the man of affairs is shown as opposed to the chickens and forbids his wife the use of the grain product of the farm for their feed. Mary, his wife, who is one of those enterprising farm wives, steals the wheat, secures the eggs, and markets them on the quiet. At the end of the year she shows the man her account book, which shows a credit of \$75.00 for 36 hens for the year. Not a bad showing. Several other lessons of a similar nature are provided in the film story.

—0—

The Annual Farmers' Week at the Pennsylvania State College begins Thursday, December 26th and ends Thursday, January 2nd.

Poultry has been given a prominent place on the programme for this year, nineteen lectures and demonstrations being scheduled.

Professor James E. Rice, Professor of Poultry Husbandry at the New York State College of Agriculture, and W. Theodore Wittman have been secured to assist the regular instructors during this week.

An interesting programme has been arranged and the following list of lectures will be delivered by Prof. Rice, Mr. Wittman and Milligan C. Kilpatrick, who is in charge of the Poultry Division of the Pennsylvania State College: "The Commercial Value of Pure Bred Poultry", "The Importance of Constitutional Vigor", "Sanitation and Hygiene", "Common Poultry Diseases", "Modern Methods of Rearing Poultry", "Farm Poultry", "Winter Egg Production—Care and Management of the Laying Stock", "Marketing Poultry Products", "The Best Breed—Characteristics of Breeds Adapted to Farm Conditions", "Prin-

TERWILLIGER R. C. B. MINORCAS ARE EQUAL TO THE BEST. After 18 years of careful breeding for egg producers, I have made 3 shows in 1911—9 entries, first show Westchester Fanciers Club, September 19-23; won 1, 2, 3 cock, 1, 2, 3 pullet and 2, 3 cockerel. Second Show, Grand Central Palace, New York, December 5-9, 1911, 5 entries, won 2 cock, 2 pullet and 1, 2 and special cockerel. Third Show at Peekskill, December 29, 1911-January 2, 9 entries won 1st cock, 1, 2 hen, 1, 2 pullet, 1 pen, 1, 3 and special cockerel. Cockerels 5.00 to \$25.00. Eggs for hatching. Write G. W. TERWILLIGER, MILLWOOD, N. Y.

BUFF WYANDOTTES

Send for Mating List. Eggs as Represented.

J. E. BURT,

ATHOL, MASS.

HILLHURST FARM COLUMBIAN WYANDOTTES

We are now selling high class breeders. If you want the best at the right price, write for mating list stating your wants.

J. B. CASTERLINE, Mgr.,

ORCHARD PARK, N. Y.

RHODE ISLAND REDS Rose Comb **Winnings in 1912—4 firsts, 3 seconds 3 thirds, 1 special.** Eggs from The Winners at \$5.00 per 15. **S. C. WHITE LEGHORNS** Eggs from high scoring pen \$1.00 per 15.

W. E. BARBER,

526 J Avenue,

SUPERIOR, WIS.

=VIERHELLER'S BUFF ROCKS=

SPECIAL SALE of Last Year's Prize Winning Cocks and Hens. This is your chance to get something good.

VIERHELLER BROS.,

71 Sylvania Ave.,

PITTSBURGH, PA.

HICHARDSON'S ROSE COMB REDS

Madison Square Garden, Baltimore, Hagerstown, won this season 5 firsts, 4 seconds, 4 thirds, 1 fourth, 5 fifths. Write your wants. Member Red Club and A. P. A.

M. C. RICHARDSON, JR.,

FRONT ROYAL, VA.

More Eggs—Bigger Profits

YOU can have both by feeding Darling's Meat Scraps to your hens. Every ounce of Darling's Meat Scraps is absolutely fresh. Trimmings from roasts and steaks sold over the butchers' counter are picked up by our wagons the same day and cooked that night. In short, Darling's Meat Scraps are made from the fresh trimmings from the edible portion of the carcass. This gives uniform quality and sweetness. Besides—

Darling's High Protein Meat Scraps

Contain 55% Protein

They are low in fat, and fine ground as recommended by both the Experiment Stations and practical poultry raisers.

Darling's Meat Scraps cost no more than goods of lower protein content. Insist upon Darling's 55% Protein Meat Scraps at your dealers.

Every Poultry Man should send for a free copy of our book on poultry feeding.

This book is replete with timely, helpful and specific suggestions and hints on the care and feeding of poultry that you should know and profit by. It tells how to increase egg production and egg profits. Whether you own 25, 50 or 500 fowls, you will be tremendously benefited by reading and studying this book. Write for your free copy today. Simply address:

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POULTRY
BOOK

ciples of Poultry House Construction", "An Ideal Ration", "Methods of Feeding", "Judging Poultry for Utility Requirements", "Killing and Dressing Poultry for Market", "The Best Breed", "Capon and Caponizing", "Incubation", "Recent Light on Some Important Poultry Problems".

A complete schedule of lectures and when they will be given can be obtained by addressing Prof. M. C. McDowell, Dept. of Agric. Extension, State College, Pa.

The sixth annual meeting of the National Poultry, Butter and Egg Association was held in the Sherman House, Chicago, Ill., October 28, 29 and 30th, and proved to be the most important and successful session of that organization. Over nine hundred delegates and visitors attended the convention. In two years the membership of the association has increased from 125 to 540.

Delegates from all sections discussed topics in which the association is interested and much valuable information on different phases of the poultry, butter and egg industry was developed.

Robt. Essex, Buffalo, N. Y., representing the American Poultry Association, told of the object of his organization and of many things already accomplished by that organization for the improvement of the poultry industry.

Dr. Mary Pennington of the Chemical Research Laboratory, U. S. Department of Agriculture, delivered a very able address on the work accomplished by her department. Before the close of the convention the visiting delegates presented her with a handsome neck chain with diamond pendant as a token of appreciation of the work she was doing.

The next annual meeting will be held in Chicago during the session of the International Refrigeration Congress which convenes September 17, 1913.

Below will be found the list of judges and their assignments at the Madison Square Garden, New York, Show. Several important changes were made necessary in the selection of judges owing to the fact that Richard Oke, C. H. Shayler and W. C. Denny were unable to take regular classes, as these three judges were engaged to place the ribbons at the Baltimore Show before the present dates of the

Madison Square Garden Show were announced. The Orpington classes taken at former shows by Mr. Oke will be divided among Capt. Max de Bathe, C. S. Byers and F. G. Bean, the latter also taking Mr. Denny's Buff Wyandottes and Buff Rock

classes. C. H. Welles takes Mr. Shayler's place in the Barred Rock alley. Other changes in the list reveal the names of Major Hugh A. Rose, J. F. Van Alstyne, F. H. Davey, G. D. Tilley, M. H. Coffin and B. C. Thornton among the newcomers at the big

OHIO ORPINGTONS YARDS

Big Whites of Quality

Big Whites of Quality

I will send an extra setting of eggs with each order, for the rest of the season. A chance to get genuine English stock cheap.
\$5.00 per setting.

C. F. LOUIS,

Box 18-L,

WARRENSVILLE, OHIO

Bred to Win **Phelps' White Rocks** Bred to Lay

I have a grand lot of young stock bred from my Chicago and Indianapolis winners that will be ready for the early shows, also 5 grand cocks and 20 yearling hens, all fine stock in grand shape to show. Write your wants. Remember, my stock has been winning for the past 18 years at the leading shows and has never been beaten. I can please you.

FRED J. PHELPS,

BUCYRUS, OHIO

HALBACH'S WHITE ROCKS

won more than 22 competitors. This would mean a lot at a show of even ordinary competition, but when this record is made in a show like

CHICAGO 1911-1912

it means that my

"STAY WHITE STRAIN"

is stronger than the combined strength of 22 other leading breeders. Not this alone. They have demonstrated their superiority by winning the grand prize at **Chicago for Best Display for Four years.**

This evidence is conclusive. If you want to win, I have the birds for you. 1800 chicks hatched from my winners. Just write. Give me a chance. I can make good. Catalogue 10 cents.

Special Utility females \$2.00 each, males \$4.00. Fine mated breeding pens to produce show stock \$25.00 to \$35.00. Order at once.



A limited number of fine White Indian Runner Ducks from Chicago winners for sale. Write for prices.

H. W. HALBACH,

Box 3,

WATERFORD, WIS.

FISKE'S WHITE LEGHORNS

Have won more specials in the last four years than other White Leghorn breeders in the world and we raised and bred them too. A few fine show birds for sale.

SKYLANDS FARM, STERLINGTON, N. Y.

HARLO J. FISKE, Manager

Garden Show. The complete list is as follows:

C. H. Welles, Stratford, Conn., Barred Plymouth Rocks, Females and Yards; H. P. Schwab, Irondequoit, N. Y., Barred Plymouth Rocks, Males and Yards; Fred Huyler, Peapack, N. J., White Plymouth Rocks; George H. Burgott, Lawtons, N. Y., Brown and Buff Leghorns; F. G. Bean, Collegeville, Pa., Buff Wyandottes, Buff Plymouth Rocks, White Orpingtons, Females and Yards; H. A. Rose, Welland, Ont., Ornamental Bantams; J. H. Drevenstedt, Buffalo, N. Y., Indian Games, Black Wyandottes, Silver Penciled Wyandottes, Dorkings and Silver Penciled Plymouth Rocks; Rowland Story, Brooklyn, N. Y., Minorcas; T. F. Riggs, Iowa Falls, Ia., Houdans, Creve Coeurs, La Fleche, Polish and Turkeys; H. B. Gleezen, Georgetown, Mass., Pit Games; C. H. Bryant, Wollaston, Mass., Rhode Island Reds; L. C. Bonfoey, Vernon, Conn., Brahmas, Spanish, Dominiques, Lackenvelders, Faverolles and any other variety; A. C. Smith, Waltham, Mass., White Leghorns and Andalusians; Chas. Nixon, Washington, N. J., White Wyandottes, Females and Yards; J. W. Andrews, Dighton, Mass., White Wyandottes, Males and Yards; F. L. Sewell, Niles, Mich., Langshans; G. D. Tilley, Darien, Conn., Water Fowls; Frank L. Platt, Toledo, Ohio, Campines and Buff Cochins; J. Frank Van Alstyne, Niverville, N. Y., Columbian Wyandottes; Capt. Max de Bathe, Reading, England, White Orpingtons, Male, Blue Orpingtons and Orpington Ducks; Melvin H. Coffin, Whitingville, Mass., Partridge Plymouth Rocks and Partridge Wyandottes; W. Tunncliffe, Elizaville, N. Y., Hamburgs; B. C. Thorton, Vineland, N. J., Game Bantams and Exhibition Games; F. H. Davey, Vineyard Haven, Mass., Silver and Golden Wyandottes; C. S. Byers, Hazelrigg, Ind., Buff, Black, Diamond Jubilee and any other variety of Orpingtons.

NEW CATALOGUE READY

Buschmann-Pierce Red Farms, Indianapolis, Ind., make announcement that their catalogue for the coming season is now ready for delivery. This book contains 64 pages, and cover in three colors, and is probably one of the most elaborate catalogues ever issued by a breeder of Rhode Island Reds. It not only describes the noted Rose and Single Comb Rhode Island Reds produced on this farm, but contains much other valuable and interesting matter. It has chapters on the raising and care of poultry in both large and small flocks, how to feed to produce the greatest number of eggs, also to increase fertility, besides a complete history of the origin of the Rhode Island Reds.

This book cost the Buschmann-Pierce Farm hundreds of dollars to produce and is far too expensive to be distributed promiscuously, and they believe, that if you are earnestly interested in poultry keeping and desire to improve your knowledge of the same, that you will be willing to forward 20c for a copy of this book. This will not begin to cover the cost of printing and mailing, but will show that you are interested and give the Buschmann-Pierce Farm the assurance that each copy is going into the hands of those that are desirous of increasing their knowledge of poultry culture and who will value each copy for the reliable information it contains. When sending for a copy kindly mention AMERICAN POULTRY WORLD.

SANITARY TROUGHS AND FOUNTAINS

The American Foundry and Manufacturing Co., Frederick, Md., are introducing a feed trough that is very different from anything yet on the market. It is so constructed that it is easy to

clean, having no corners for musty food to lodge in. It is made of iron and will last a lifetime, and it is cheaper than any feed trough on the market. Their "Superior" drinking fountain is just as valuable. It will never wear out, it can not tip over, and being conical in shape the fowls cannot roost on top of it, thus preventing filth and contagion. This fountain is also made of iron and will never wear out. A feature of an iron drinking fountain is that just enough rust will appear on the fountain which getting into the water will give it just the right amount of iron for the system of the fowl, thus acting as a valuable tonic which of itself wards off disease. A description of the trough and fountain can be obtained by looking up their illustrated ad. on page 148 of this issue. If your dealer does not keep these valuable adjuncts to successful modern poultry keeping send direct to the manufacturers. A postal will get you an illustrated booklet with prices. Send today and address The American Foundry and Manufacturing Co., Frederick, Md.

S. C. WHITE LEGHORNS

Majestic Strain (Young's via E. G. Wyckoff's)
Winners at the New York State Fair,
1908-'09-'10-'11.

EZRA C. CARTER, MARATHON, N. Y.



**THE OLD RELIABLE
LAMBERT'S
DEATH TO LICE**

has been used over 25 years by
Successful Poultrymen
Because **Clean Fowls**
It Insures

Is just the thing for sitters, as it does not harm eggs or chicks. Keep your hens free from lice and they will thrive and be profitable. Large sample of Powder (10 cents each). "A Sensible System of Poultry Keeping" by D.J. Lambert, mailed on request
O. K. Stock Food Co., 417 Traders Bldg. CHICAGO

ARMSTRONG'S SINGLE COMB REDS

My young stock are showing splendid type and color and will be for sale as they mature.

R. I. ARMSTRONG, 1053 Sullivant Ave., COLUMBUS, O.

ORIGINATORS OF BUFF BRAHMAS

THE COMING FOWL OF AMERICA. Won at Madison Square, Boston, Philadelphia, Buffalo, Pittsburgh, Albany, Allentown, etc. Can furnish exhibition birds to win for you, also nice breeding specimens. 1 pen White Orpingtons \$20 for quick sale, 30 White Leghorn Cockerels selected from several hundred, for \$3.00 each. Youngs stock. Reference: First National Bank of Hudson, N. Y.

LLOYD M. HALLENBECK, Expert Poultry Judge, GREENDALE, N. Y.

White—ORPINGTONS—Buff

Unexcelled layers. Fine stock for sale. Eggs from best pens \$3.00 and \$5.00 per setting. Send for Mating List. Address

APPLECROFT FARM, Roland Davis, Mgr., NEW BALTIMORE, N. Y.

SACRIFICE SALE

MOORE BROS., SINGLE COMB WHITE LEGHORNS

We must have room for our rapidly growing chicks and will sacrifice 300 GRAND BREEDERS 300 at \$1.00 to \$1.50 each to move them quick. Special prices also on Choice Exhibition females.

YOU CAN WIN WITH OUR STRAIN.

Write at once if you want the greatest bargain in breeding stock ever offered.

MOORE BROS., Box W, MOSCOW, N. Y.



Winter Egg Machines



A Ferris Improved White Leghorn will lay two dozen eggs a year more than an ordinary hen—and will lay two-thirds of them in winter when eggs are highest. Take a pencil and figure the extra profit you will make from your present flock if you could make each hen lay two dozen eggs more a year and get two-thirds of these extra eggs in winter, and without special laying foods at high prices or any extra trouble. To the price you pay for other stock must be added this difference in results, for Ferris Leghorns have conclusively demonstrated their ability to produce these extra eggs.

For twelve years we have been improving the laying qualities of Ferris Leghorns and at the same time have developed their exhibition qualities so that they are remarkably true to standard. They have good heads, long concave backs, low, well-spread tails and perfect Leghorn shape in every section, with the whitest plumage it is possible to secure. We have not had a creamy bird in our pens for years. Our winnings at the largest shows—Louisville, St. Louis, Toledo, Detroit, Pittsburgh, Grand Rapids and the Michigan, Indiana, Iowa and Tennessee State Fairs,—prove the exhibition qualities of Ferris Leghorns as surely as our laying records prove their utility qualities.

Choice foundation and exhibition stock at \$7.50, \$10.00, \$15.00, \$20.00 and \$25.00 for males, and \$4.00, \$5.00, \$7.50, \$10.00 and \$12.50 for pullets and hens. Send for our catalog. It describes these birds, shows photos of them and tells what our customers think of them. We have some fine utility cockerels at only \$5.00 this month.

Here is the Ferris Selling Plan

When you order Ferris Leghorns you keep the birds three days, if they are not satisfactory in every way return them any time within the three days at our expense, and we will refund your money in full. We also allow you to exchange any birds ordered of us for other birds of equal or better quality any time within 30 days.

George B. Ferris, The Ferris Leghorn Farm 908 Union Ave., Grand Rapids, Mich.

We Insure Them for 30 Days

If some of the birds get out of condition for any cause, you can send them back and get others in place of them, and all that it costs you is the express charges.

Eggs and Day-Old Chicks

We are now booking orders for eggs and day-old chicks for spring delivery. We have never been in better shape to fill orders of any size. Thousands of fine hens in our utility matings and our 25 exhibition matings of remarkable quality will make it possible for us to ship promptly and quote prices that are very reasonable. All infertile eggs replaced free; safe arrival of chicks guaranteed any distance.

New Catalog This Month

Our new catalog of over 60 pages is now in the hands of the printers and will be ready December 15th. It is the finest catalog ever issued by any Leghorn breeder and is sent absolutely free of charge. It gives you the benefit of our twelve years' experience with White Leghorns and contains information every poultryman should have.

Tells all about the methods that have made Ferris Improved White Leghorns so profitable and describes every grade of stock we have to sell. Fully describes our bred-to-lay matings and our exhibition matings and gives prices of eggs and chicks. Send a post card now while you have the matter in mind and get the copy we have reserved for you. Address

WITH MID-WEST BREEDERS

SHORT VISITS WITH BREEDERS IN OHIO, INDIANA AND ILLINOIS

BY JOE COLEMAN

Several sections of three states—Ohio, Indiana and Illinois—have been visited by the writer covering a number of weeks of travel, and after analysing conditions, I consider that the poultry business is certainly in a healthy state, and from every viewpoint that might be taken, indications point to a bumper business the coming season.

We desire to say a few words about a number of breeders and will touch lightly upon different points of interest observed during visits to various plants. Each and all of these gentlemen that we may have a word for, we believe are thoroughly reliable and will look after their customers' interests in a way satisfactory to all concerned.

There is a good fellow to meet who lives way down on the Ohio river, in

southern Indiana, and carries the name of B. H. Scranton, Box P. W., Rising Sun, Indiana. This man is recognized as one of the "big guns" of the Single Comb Rhode Island Red industry of U. S. Fame is most kind to a few mortals and for a number of years Mr. Scranton has not been afraid to show, and has been winning a good share of the prizes on his breed, but last winter in a large building in Chicago, better known as the Coliseum, Mr. Scranton won fame in a day by carrying away five first prizes in the hottest kind of a Single Comb Red show. This fall already he has been up and doing, and going down close by where the battle of Antium was fought, at Hagerstown, the big fall chicken event, he fought a different kind of battle and won gloriously.

It is so readily seen how a man who studies the poultry business can produce the winning kind of birds. Spend a day with Ben Scranton and you will learn a lot. He knows the breeding of every individual of his twelve hundred youngsters. There is not enough toe marking to go around so the system of making an incision in the loose skin under the base of the wing is resorted to. Every bird on the place this man knows exactly what mating it came from, and in hundreds of instances, the individual from which the egg came that hatched the chick. This is going after the business with a vengeance, but it pays. How does it pay? The blood lines of his flock are so thoroughly established that fully seventy-five per cent. of all the birds reared are good salable birds and that's going some with Reds. Ben Scranton knows the Red Game.

C. S. BYERS, HAZELRIGG, IND.

The hospitality of C. S. Byers knows no bounds. A day looking over his flock was very profitably spent at

WHITE ORPINGTONS

Superb Type and
Superior Quality

MY FIRST SHOW 1912
TEXAS STATE FAIR

First, Second and Fourth Cock; First, Second and Fifth Hen; First, Second and Third Cockerel; First, Second, Third and Fourth Pullet; First and Second Pen.

MY birds are absolutely white, of that deep bodied type, low down on legs, up to weight and I know that I can please you. At the last and greatest show held at Madison Square Garden I again control the winning male birds. My winnings include first cock, third hen, fifth pen and the cockerel heading the first pen. The winning cock is without doubt the greatest White Orpington in the world, having defeated the Crystal Palace Champion and all the great cocks of America. These great birds together with my other prize winners, place *Russell Cave White Orpingtons* far in the lead. Both at Allentown and Augusta, two shows I made last year, I won at each the cup to that exhibitor whose ten or more birds of one variety showed the highest degree of excellence and uniformity of type and breeding. This record of winning in two of the most important poultry shows in this country, the cup for the ten best birds has never been equaled by any other breeder in America.

GREAT STAMINA AND VIGOR

are to be found in my birds, not usually found in White Orpingtons. I attribute this to strong foundation breeding stock, our pure air and the blue grass range, 100 acres in Russell Cave Poultry Yards and 7,000 acres in Elmendorf Farm. The above statement is proven when we tell you that we now have the grandest lot of youngsters up to weight and ready to win the blue ribbon for you. Every bird guaranteed as represented and sold with the privilege of return. Write us today. Old English Sheep Dogs for sale.

RUSSELL CAVE POULTRY FARM, R. R. 3, Box 2025, LEXINGTON, KENTUCKY

ELMENDORF STOCK FARM

LOUIS LEE HAGGIN, Proprietor

Hazelrigg, Indiana, his home town. Mr. Byers' home plant of thirty acres is just on the edge of a charming village. At home is kept much of the breeding stock of the three varieties of Orpingtons—Buff, Black and White. On the home estate of several hundred acres close by were several hundred well matured Black and White youngsters and a lot of these birds will make someone step some in the show room. On another farm were hundreds of Buff Orpington youngsters, and still other flocks belonging to Mr. Byers were enjoying the liberty that only free range can give, and maturing into broad deep husky birds that have assisted Mr. Byers in "keeping at it" for fourteen years and all the time with Orpingtons, too. If we were asked the question about which of the three varieties of Orpingtons Mr. Byers is strongest in, it would be a difficult thing to answer. All his flocks are surprisingly well balanced and whether it be for Buff, White or Black Orpingtons the most particular buyer can be satisfied. A big old English cock bird that had been imported a couple of seasons ago at a long price, has stamped a lot of quality on the White Orpington cockerels found here and resemble closely their sire. As fine a lot of Black Orpington cock birds as we ever saw together at one time were in the home yards at the time of our visit. Get Mr. Byers' catalog and literature. Look up his ad, and always mention AMERICAN POULTRY WORLD. Mr. Byers will judge Orpingtons this year from coast to coast, his services having been retained for both the New York and Los Angeles shows.

W. A. CONGDON

W. A. Congdon, Box W, Waterman, Illinois, has been breeding Barred Rocks for twenty-two years and has a well equipped plant on a farm that is valued around \$350.00 per acre. Both the utility and fancy part of the business is looked after and his sales are made on a basis of very moderate prices for the quality of stock sold.

Twelve matings are made up each season to take care of the egg trade, besides free range, bred-to-lay flocks to handle utility egg orders no matter how large.

Mr. Congdon is a man of his word and will do exactly what he says. Well, anyway, his booklet is what you want and may be had by addressing him.

BUCYRUS, OHIO

Around Bucyrus, Ohio, are a number of true blue fanciers, and not the least among them is Fred J. Phelps, the White Rock man. Mr. Phelps does not devote his entire time to the business, being connected with a large clothing house. Suffice it to say that some of the most ardent fanciers and best chicken growers are the ones who do not depend entirely upon the business for a living. In this manner they usually cull their birds leaving only the very best to breed from. Mr. Phelps has been breeding and improving his flock for fifteen years, and can and does hold his own with the best in the show room. He is particularly strong on good reachy birds. Those desiring to secure first-

Join the "TOBASCO CLUB"
It consists of Rhode Island Red exhibitors. Its business is to help its members win. It can help you to win. Write for particulars
OLD ACRES, FOXBORO, MASS.

300 S. C. WHITE LEGHORN

yearling breeders, persistent Layers That Win, at \$.00 each for prompt delivery. Circular.

W. R. SPERRY, Christy Farm, Box H, CORTLAND, N.Y.

ALT'S S. C. REDS

The International Champions

Choice Breeders for Sale after June 15th

H. W. ALT, Box 3, 87 Fuller Ave., Buffalo, N. Y.



**A Bargain Collection of
FLOWER SEEDS
FOR 12 CENTS**

10 choice varieties, all new, fresh seeds, sure to grow and bloom this season. Pansy, 60 Colors; Phlox, 10 Colors; Verbena, 18 Colors; Pinks, 12 Colors; Petunia, 10 Colors; Asters, 12 Colors; Poppy, 8 Colors; Stocks 10 Weeks, 8 Colors; Begonias, mixed, and Sweet Alyssum. The 10 Packages only 12c.

EXTRA FREE with each order for this Bargain Collection, a specimen copy (worth 10 cents) included of

GOOD POULTRY

a quarterly magazine, devoted to special crops and intensive farming, with special attention to the care and handling of poultry. Tells how to make \$200 per acre per year on any farm from 5 to 100 acres. Good Poultry alone, 10 cents a copy; 25 cents a year. Agents wanted, write today.

SHOREWOOD FARMS CO., Saugatuck, Mich.
City Office — 11 N. Market Street, Chicago, Illinois

Bown's Columbian Rocks

are as near perfection as skill and painstaking mating and breeding can make them. I have hundreds of youngsters now growing to win blue ribbons for you next season. Place your orders now.

Lew H. Bown,

Columbian Rock Specialist,

East Aurora, N. Y.

My First Prize Cockerel Won Allentown Futurity

Mr. Tracey said he was best Rose Comb Cockerel ever shown at Allentown and he is the result of 16 years of careful breeding. Rose Comb Rhode Island Reds are our specialty. Pine young birds for sale. Address **LOUIS ANDERSON, BLOOMSBURG, N. J.**

Here We Have What You Want—Why Did You Not Let Us Know Before?

At your own price stock that will win, also lay 200 eggs or better. Rocks, Reds, Orpingtons, Wyandottes, Minorcas, Leghorns, Bantams, Ducks, Geese, Stock, Eggs and Chicks. Catalogue Free.

MAPELING POULTRY YARDS,

Lock Box 86 N,

MANLIUS, N. Y.

WHITE ROCKS AND PEKIN DUCKS

Our White Rocks are bred for utility as well as Standard points and are consistent winners at the large shows, including New York State Fair, Rochester, etc. A few choice cockerels and yearling hens for sale. Farm reared, healthy and vigorous, the paying kind.

Our Pekin Ducks are unexcelled for size and quality. Champion winners at New York State Fair, Grand Central Palace, Buffalo, Rochester, etc. Choice early hatched young stock for sale at reasonable prices. Write your wants. Our stock will please you.

F. M. DODGE,

Route W,

FRANKFORT, N. Y.



"KELLERSTRASS" White Orpingtons

Are the Biggest Payers because they have proven to be the Biggest Winter Layers

Kellerstrass Strain "Crystal" White Orpingtons

Are the *Grandest Utility* birds on record today, and as to their *Fancy Quality*, they won first at Madison Square Garden, New York, 1905, 1906, 1907, 1908, 1909, 1910; also at Crystal Palace, London, England, and Chicago and Boston. If you need some birds to *Improve Your Stock* or for *Show Room* write us. We have them and the *Kind That Wins*, as our past record shows. *Stock* for sale at all times. Remember, we are the *Originators* of "Crystal" White Orpingtons, and breed only the one kind. We devote our whole time to this one breed.

KELLERSTRASS FARM, Westport Road, 9124, Kansas City, Mo.

Send for FREE Catalogue. Originators of Crystal White Orpingtons

class White Rocks would do well to get in touch with Mr. Phelps.

—O—

A prince of good fellows, agent for the Pennsylvania Lines at Bucyrus, and a candidate for vice-president of the Ohio Branch, American Poultry Association, is F. M. Eakin, the White Wyandotte man. This honor for office was not solicited in the least, but was thrust upon him by many friends. Mr. Eakin has a lot of good classy birds this year and can supply winners. His birds made a fine winning last winter at the big Cleveland show, also at a number of others. Both Mr. and Mrs. Eakin are ardent fanciers and have a well appointed and equipped plant for their birds.

NEW BOOK ON WHITE WYANDOTTES

"Practical and Profitable Poultry Breeding" is the title of the new book describing the White Wyandottes, and the methods of breeding them on J. C. Fishel & Son's Farm at Hope, Ind. This truly remarkable book is by far

class by itself. The book is chuckfull of illustrations and contains also a magnificent insert of a pair of White Wyandottes printed in natural colors. It has cost thousands of dollars and will be ready for distribution about December 1st. Twenty five cents in stamps or coin to cover cost of mailing, etc., will bring it to you. Satisfaction guaranteed. Address J. C. Fishel & Son, Box W, Hope, Ind., and mention AMERICAN POULTRY WORLD.

McKEE'S WHITE ORPINGTONS

Among the prominent features of a large number of southern fairs this season, McKee's White Orpingtons were very conspicuous. They seem to have acquired the prize winning habit as the record below would indicate.

At Rome, Tenn., they won 1st, 2nd cockerel; 1, 2 pullet; 1st pen; special for best pen in show. Bowling Green, Ky., 1st cockerel. Cooksville, Tenn., November 6-9, 1912, 1-2 pullet; 1-2 cock; 1st hen, 1st pen, 1-2 cockerel.

Every bird entered by this farm was awarded a regular prize; besides this all specials in the class were captured by McKee's Orpingtons. It surely looks as if he had the quality. When in need of stock write McKee's White Orpington Yards, Brush Creek, Tenn., and mention A. P. W.

Pape's Strain S.C. Black Minorcas

Breeders for sale, \$2.00 up. Eggs 10c. each. Choice pen headed by 1st and special cock, Hanover \$25.00.

C. Nelson Reasin, R. F. D. Aberdeen, Md.



Belle Brand Crushed Oyster Shells

Make Poultry PAY!

Tests show where these shells have been used—duration of test 22 days—number of eggs, 33; weight of eggs, 1489.6 grammes.

Where Sharp Gits were fed—test 22 days—number of eggs, 6; weight of eggs, 257.6 grammes. This is convincing argument why every poultry house or yard should have them. They'll make hens lay an egg a day, with firm, hard shell—less liable to break in shipment.

), Belle Brand Crushed Oyster Shells supply Carbonate of Lime in natural form and acts as a grit, making them superior to any other poultry food on the market. Write for Free Catalogue to

LOUIS GREBB, BALTIMORE, MD.

ROSE COMB RHODE ISLAND REDS

From the best blood lines in the World. We can deliver the goods.

WHITE BROTHERS,

Box C,

SUNBURY, OHIO

S. C. BUFF LEGHORNS

winners at the leading shows. 1500 young birds for sale. Now is the time to secure fine breeding and unsurpassed laying stock as well as exhibition birds at a very low price. Our growing birds have the run of a 150 acre farm. Address

SPRINGSIDE POULTRY FARM,

J. W. & J. Edw. McNeil,

Box B,

CANAAN, N. Y.

Reepmeyer's Silver Laced Wyandottes

Again Big Winners. This season at Grand Central

Palace on four entries we won First Cock, First Hen, Third Cockerel, First Pullet. Madison Square, 2nd Cockerel, 2nd Pullet. Last season at Philadelphia in the largest and best class of Silvers ever shown we won First Pullet. At Buffalo, N. Y., First Hen. These winnings stamp them champions. Eggs from these winners \$5 per 15. Book your orders now. Write J. REEPMYER, Jr.,

CRAIG, Schenectady Co., N. Y.

HARTER'S BUFF PLYMOUTH ROCKS

Win 1st, 2nd and 4th hen, 5th cock, 2nd cockerel, 1st, 2nd and 5th pullet, 2nd and 3rd pens, and best display at the Farewell show held in Madison Square Garden. We have brothers and sisters to these winners for sale, and we furnish eggs to hatch from our best pens. Send for Catalogue of America's Best. Address

S. H. HARTER,

NESCOPECK, PA.

Mount Pleasant Farm's method of breeding has established the World's Greatest Laying Strain of Standard Bred

S. C. WHITE LEGHORNS

Special Sale—500 Mature Cockerels—\$2.00 each

MOUNT PLEASANT FARM,

MOUNT POCONO, PA.

Day Old Chicks—Breeding Stock—Eggs for Hatching

We guarantee SAFE Delivery of DAY-OLD CHICKS. We replace ALL Infertile EGGS. Send for our FREE Booklet, "Modern Successful Poultry Farming," and "A Few Points for Amateur or Expert.

TOMPKINS WORLD CHAMPION Single and Rose Comb RHODE ISLAND REDS

Their record, extending over several years, at Madison Square Garden, America's Greatest Show proves conclusively that they are the Undisputed Champions of the World.

A prize at this premier show is coveted by every fancier. You look forward to the time that you may achieve this honor. Why not reach the goal this season?

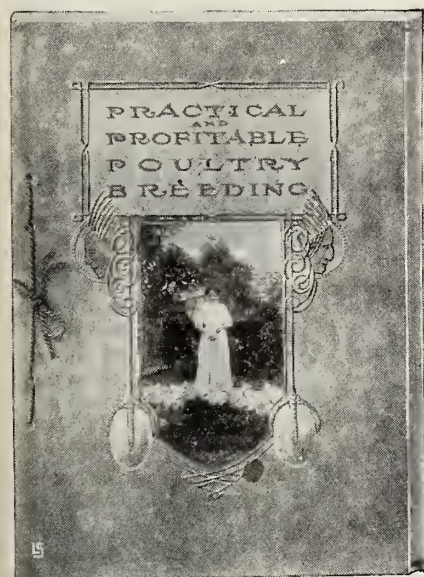
TOMPKINS REDS WILL DO IT FOR YOU

Never before in my career as a breeder have I produced as many promising birds as this year. The quality produced by this season's matings is simply marvelous. I have hundreds of birds approaching maturity that will be "fit as a fiddle" for the early shows, and hundreds more growing that can turn the trick at the later ones. Let me put you in the winning class. Write at once for prices.

LESTER TOMPKINS,

Box w,

CONCORD, MASS.



one of the best ever issued on the breed, and as a guide for the fancier as well as the beginner it is unexcelled. An article on line breeding with complete instructions and a chart absolutely different and better than any printed heretofore will make it the most sought for book of the day. Articles on breeding, housing, judging and preparing White Wyandottes for exhibition, written in a clear and convincing style, are worth dollars to anybody that breeds poultry. Government statistics, selective breeding and an illustrated article on poultry diseases put this book in a

TWO GREAT AMERICAN EGG LAYING CONTESTS

By O. Wilson

(Continued from page 97)

variety, all pens being used to get the average obtained:

Variety	Connecticut	Missouri
Barred Rocks.....	925	967
White Rocks.....	901	813
Partridge Rocks.....	600	*622
Columbian Rocks....	*835	*435
Silver Wyandottes...	*538	947
Golden Wyandottes..	*689	*682
White Wyandottes...	1069	1015
Columbian Wyand'ts.	801	*685
S. C. Reds.....	930	915
R. C. Reds.....	865	1042
Black Langshans....	*711	824
Cornish	*560	553
S. C. B. Orpingtons...	860	893
S. C. W. Orpingtons..	858	817
S. C. Br. Leghorns...	907	720
S. C. W. Leghorns...	1071	991
S. C. Buff Leghorns...	947	*574
S. C. Black Minorca..	765	817
Anconas	*714	835
Houdans	*569	*430
Buttercups	*753	*615

* Indicates but one pen entered.

ENTRIES AT STORRS' LAYING CONTEST

The entries at Storrs included but two varieties not entered at Missouri.

Buff Wyandottes..... 847
American Dominiques... 771

Sixteen varieties and three pens of ducks were entered in Missouri that are not in the classification at Storrs and pens that are indicated thus * have more than one pen entered.

*Black Orpingtons.....	944
R. C. Brown Leghorns.....	703
*R. C. White Leghorns.....	703
Buckeyes	652
*Silver Hamburgs.....	824
Diamond Laced Leghorns....	616
Silver Penciled Wyandottes....	704
*Buff Rocks.....	666
Buff Cochins.....	608
*R. C. Black Minorcas.....	641
*White Langshans.....	569
Buff Brahmas.....	550
Light Brahmas.....	395
*Partridge Wyandottes.....	598
W. F. Black Spanish.....	484
Scrubs	743
*Fawn & White Indian Run'r Dks	674
White Indian Runner Ducks....	450

A study of the comparison afforded by these leaders makes it appear that there must be something in the breed in addition to the breeding for only four noticeable differences are apparent between pens of the same feather. The breeding might be the difference, but supposing that to be true, it is possible the birds would seek a minimum level of production, all things being equal. It is a big question and so far there is nothing but confusion in the temple.

Witness the highest scoring pens to third position:

Position	Variety	Connecticut
1	S. C. W. Leghorns...	1071
2	White Wyandottes..	1069
3	S. C. W. Leghorns...	1042

Position	Variety	Missouri
1	R. C. R. I. Reds....	1042
2	White Wyandottes..	1015
3	S. C. W. Leghorns..	991

AMERICAN BREEDS LEAD IN INDIVIDUAL SCORES

The American breeds take first honors in both contests for individual scores and the performance of "Lady Show You," White Plymouth Rock will not likely be equalled soon again. The highest individual scores follow:

Here is an Incubator With Real Proof Behind It My World's Champion 140 - Egg Belle City Incubator Only

Freight
Prepaid
East of
Rockies

Read Description of What You Get for Your Money

BIG full size 140-egg strong, well-made, durable machine that will last a lifetime with proper care—double walls and double doors—dead air space all over—self-regulator simple and perfect—cold rolled copper hot water heating system—copper tank and boiler—safety lamp that does the work day and night—roomy nursery and strong egg trays—equipped with Tycos thermometer, egg tester and everything you need including simple instruction book of operating, hatching, and caring for chicks—and the **price only \$7.55, all freight prepaid.** Read description of Brooder: **140-chick size**—hot water top heat—double walls—equipped with metal safety lamp—wire runway yard with platform—guaranteed to raise more chicks than any brooder made—**price \$4.85.**

Complete Outfit—Incubator and Brooder Ordered Together only \$11.50 Freight Paid East of Rockies

Yet my machines, sold at my low price, have been found the winners. **The Winners in 5,000 Hatches—Then Why Pay More?** Remember, I don't ask you to take anything on my say so. I give the most liberal Home Test of any maker in the country—1, 2, or 3 months in your own hands to prove everything I claim—to **prove** that the **Belle City** is the **World's Champion Machine** right in **YOUR** home. If it doesn't prove it send it back and get all your money—I pay the freight both ways—and we won't quarrel. Remember this: I start you right at small expense—little outlay—you begin to make money right away—and you keep on making it because I couldn't sell so many machines if they didn't work in the hands of inexperienced users everywhere.

You Can Order From This Advertisement If You Wish

Thousands of people have ordered from my ads thus getting their machines early to make **first hatches** with when eggs are ready. You know the **early poultry** brings the **highest prices**. If you are in a hurry to get your machine—don't hesitate to order right from this advertisement—you are **absolutely secure in doing so**. I will also send "Hatching Facts." This paper knows me to be responsible and I give you all the advantage of my **Home Test** just the same as if you ordered from my Book. With the machine I send you **Hatching Facts** and full instructions. Any way, answer this advertisement and get **Hatching Facts**, my Big Portfolio—unique, different from any poultry book ever published, and worth having, no matter where you buy or what machine you buy. I'll gladly send it if you'll ask for it.

JIM ROHAN, Prest.
Belle City Incubator Co.
Box 117, Racine, Wis.



140-Chick
Brooder \$4.85



**World's
Championship
Winner**

Mr. I. E. Bennett, of Ohio, winner in 1912 *Successful Farming's* contest with three 100 per cent hatches. Duplicating Mr. Black's and Mrs. Clifton's winnings.



Mrs. Laura J. Clark, of Illinois, winner in *Missouri Valley Farmer* and *Nebraska Farm Journal's* great 1911 contest hatching 140 chicks from 140 eggs.



Mr. W. J. Black, of Indiana, winner in *Successful Farming's* 1911 contest with two 100 per cent hatches.

Mrs. H. F. Osman, of Ohio won the Tycos Cup offered participants in contest of manufacturers of Tycos Thermometers.



Mrs. M. J. Clifton, of Oklahoma, winner in 1910 *Successful Farming* contest by hatching 140 chicks from 140 eggs.

Position	Variety	Connecticut
1	S. C. R. I. Reds.....	254
2	S. C. W. Leghorns....	253
3	S. C. W. Leghorns....	249
Position	Variety	Missouri
1	W. Plymouth Rock..	281
2	R. C. R. I. Reds.....	255
3	Barred Ilym. Rocks.	245

Forty-nine entries at Storrs produced 200 or more eggs in the year and the Missouri contest entertained fifty-nine of the same class, each place registering approximately 10 per cent. of the birds entered.

By breed and variety in comparison the birds at Storrs show to a higher advantage although the averages reveal many discrepancies between the varieties engaged.

Breed	Connecticut No. Pens
Barred Rocks.....	12
White Rocks.....	4
Partridge Rocks.....	1
Columbian Rocks.....	1
Silver Wyandottes.....	1
Golden Wyandottes.....	1
White Wyandottes.....	8
S. C. Reds.....	9
R. C. Reds.....	3
Black Langshans.....	1
S. C. Brown Leghorns.....	2
S. C. White Leghorns.....	30
S. C. Buff Leghorns.....	3
Cornish	1
S. C. Black Minorcas.....	4
Anconas	1
S. C. Buff Orpingtons.....	4
S. C. White Orpingtons.....	5
Houdans	1
Buttercups	1

Twenty varieties are here shown in direct comparison at two widely separated points and the birds at Storrs exceed in fifteen instances over the competitors in Missouri. This makes it appear that the Eastern breeders as a whole are making a greater effort for a large egg-production than their western and southern competitors, but of course this is only the interpretation put upon the facts at hand, and can not be applied to individual instances at any section.

Be that as it may it looks like it might be up to some one to make a statement as to what an "egg breed" really is, for we find here that the combined efforts of 121 pens of Rocks, Wyandottes, Reds and Orpingtons give us 87447 eggs, or an average per hen of 144½ eggs. Massed production of 80 pens for the Leghorns, Minorcas, Anconas, Buttercups, reaches 58286, for an average of 145½. This is not the big advantage that is ordinarily understood to be the difference between the two classes, and where a ready market is at hand for table poultry the general purpose fowl have a decided monetary valuation in excess of the lighter weight breeds, and as the main advantage of any breed of the egg-type consists to some extent in the color of the shell, thoughtful

breeders are all ready at work to produce a general purpose fowl that will overcome the color difficulty by producing a white egg in quantities to compare favorable with the Leghorns or similar types.

IMPORTANT LESSONS LEARNED

Among the most important things that are included by the lessons the Missouri contest has taught us is ably expressed by Mr. Quisenberry in writing on the subject as follows:

1st, that there is no variety or breed which far excells where egg production is concerned.

2nd, more depends upon the strain or breeding for greatest egg production than upon the variety.

Average		Missouri		Average	
Eggs	Per Hen	No. Pen	Eggs	Per Hen	
9264	154x	14	8809	125x	
3243	162x	6	3543	118x	
600	120	1	622	124x	
835	167	1	685	137	
538	107x	6	4815	160x	
689	137x	1	682	136x	
6444	161x	6	3751	125x	
7167	159x	12	9370	156x	
2334	155x	6	4490	149x	
711	142x	2	1561	156x	
1432	143x	4	2433	121x	
24197	161x	18	12707	141x	
2183	145x	1	574	114x	
560	112	2	1048	104x	
2504	125x	4	2915	145x	
714	142x	4	2783	139x	
3114	155x	6	4403	146x	
3397	135x	4	3005	150x	
569	113x	1	430	86	
753	150x	1	615	123	

3rd, that some hens have a born tendency to lay while others have a tendency to take on fat. The latter should be culled in establishing a laying strain.

4th, more depends upon the breeding of the male than the female as to the number of eggs the offspring will produce, yet the best layers must not be ignored.

5th, that it will pay the average poultryman to trapnest his flock in the fall and winter months and to then breed from the pullets that lay earliest in life and from the pullets and hens that are the best producers during the winter months.

6th, that the egg yield from the

ENGLISH ORPINGTONS BLACK, WHITE, BUFF, Rose and Single Comb, Males \$5 to \$10; females \$3 to \$5.

John A. Hageman Co., 12-6 Box W, Charlotte, Mich.

WHITE WYANDOTTES EXCLUSIVELY

I have a few breeders for sale. Eggs for hatching, \$2 per sitting. Circular.

Mrs. Edith M. Handy, R. R. 1, Winchester, N. H.

SUNFLOWER

Every poultryman in America should grow sunflowers for two reasons, shade and feed. The Mammoth Russian, largest of all varieties, showy and most profitable to grow in the poultry yard or garden. We offer select seed, clean and good, of this wonderful Sunflower, one pound, 25 cents, postpaid. With every 25 cent order we will include free a copy of the latest issue of

GOOD POULTRY

a quarterly magazine, devoted to special crops and intensive farming, with special attention to the care and handling of poultry. Tells how to make \$200 per acre per year on any farm from 5 to 100 acres. Good Poultry alone, 10c a copy; 25 cents a year. Copy free with every 25c order for Sunflower seed. Every poultryman needs it. Agents wanted, write today. **SHOREWOOD FARMS CO., Saugatuck, Michigan** City Office — 11 N. Market Street, Chicago, Illinois

COCKERELS AND PULLETS FOR SALE from Kaufmann & Windheim's **S. C. White Orpingtons** Madison Square Garden Winners from Cook, Kellersfrass and Jackson stock. A few White Embden Geese from Madison Square winners. "Moderate prices and pleased customers" our slogan. Write us as these birds will be disposed of very shortly. **PARSONS'S POULTRY PLANT, AVON LAKE, OHIO**

DAY OLD BABY CHICKS

of all leading varieties at lowest prices. S. C. White Leghorns of high record laying strain a specialty. Write for catalogue and price list.

New Washington Breeding & Hatching Co., New Washington, Ohio

WILLETS' QUALITY S. C. REDS

Again made a big winning at New York State Fair. At the biggest and best Red show ever held at Syracuse. Choice quality exhibition birds now ready for shipment. All stock farm range raised. Send to the "Quality" man.

W. M. WILLETS, SHERBURNE, N. Y.

ANDERSON'S ROSE COMB R. I. REDS

Have won at Madison Square Garden whenever exhibited. I have furnished winners for Boston, Hagerstown, Cleveland, Buffalo, Chicago, St. Louis, Pittsburgh and many other big shows. I breed my winners and I can furnish you a male that will win at your show for \$5 to \$10. Elegant females \$2 to \$5. My young flock is the largest and best I ever raised. I can furnish winners for any show. **SATISFACTION GUARANTEED**

ANNESLEY M. ANDERSON, MORTON, PA

S. C. WHITE LEGHORNS S. C. BLACK MINORCAS

Bred for perfection in standard requirements combined with extraordinary egg production, raised under the most favorable conditions. Conditions for which only "Sunny Tennessee" is noted makes my Strains the most desirable for those who seek the highest quality.

THEY WIN THEY LAY THEY PAY

Write your wants—We can satisfy. **Park View Poultry Yards, Box W, Poplar and Wellford Sts., Memphis, Tenn.**

Oakland's Poultry Farms

S. C. White Leghorns have won every Silver Cup offered on S. C. White Leghorns for the past four years, and 1st prize on Leghorn eggs, Silver Cup and Championship dozen over all, 84 dozen in competition, and this year we won the Silver Cup for best 10 S. C. White Leghorns; a record to be proud of.

Remember we can sell you a Cock, Hen, Cockerel, Pullet, or Pen, or a full string that can win the Blue Ribbon or that Silver Cup. We have about 200 good Cockerels for quick sale; all birds sold for \$5.00 and over shipped on approval.

Oakland's Poultry Farm, Wm. C. Bowman, Mgr., Trenton Junction, N. J.

Mediterranean is affected by extreme cold more than other classes, because of the fact that they are more closely feathered, have larger combs and smaller bodies.

7th, the purpose of properly feeding and housing a hen is not to feed eggs into the body, but that the greatest number may be gotten out which breeding has placed within her. Proper feeding, housing and care are important factors of the egg production, but breeding is more than these.

Many other important observations are included in the first report from Mr. Quisenberry, and in summing up the final of this early report we quote him as saying:

"That there is much room for improvement in all varieties and breeds as far as egg production is concerned, and it is up to the breeders of the country to get busy. There are wonderful possibilities along this line."

Many important observations have been made by Messrs. Stoneburn and Kirkpatrick, the gentlemen who have had charge of the affairs at Storrs for the year past and the bulletin from that station will prove of great value when produced in the final form for public inspection.

That a great step has been taken toward a generally higher egg production for our American hen is evinced by the eagerness with which the reports of the two contests have been followed by the readers of monthly, weekly and daily periodicals

that have generously accorded the space to the reports and a healthy indication of a big business for the coming season is the early inquiries and orders that are being recorded.

In the Australian contest a breeder of White Leghorns started eight years ago with an entry that made an average of 168 eggs. His entry last year averaged more than 268, and with a start of over 200 for a first year average our American breeders should equal and even better the Australian's improvement in the next eight years to come. Go to it.

SAVING FEED MEANS MORE PROFIT

Attention is called to the sanitary feeding troughs and drinking fountain manufactured and advertised by the American Foundry and Manufacturing Co., Frederick, Md.

The use of sanitary devices in the poultry yard means healthier birds and consequently less trouble and worry from disease. The sanitary feeding troughs are the result of a careful study of the needs of the poultryman and are not only designed from a sanitary standpoint, but also to eliminate the waste of feed so common in the ordinary troughs. They are constructed with a cover, so arranged as to permit free access to the food and yet prevent its waste. These covers are easily removed, exposing the entire interior of the trough for easy cleaning.

A very interesting catalogue containing much valuable information for the poultryman has been prepared for free distribution. A postal card will bring you one better. Send today and keep in line with the progressive. Illustrations of these devices will be found on page 148.

THE GREAT ARMORY SHOW

Louisville, Ky., December 23-28, 1912

At a meeting of the stockholders of the South Central Poultry Association, held in Louisville, Kentucky, September 11th, the following officers were elected: J. L. Gribble, Louisville, President; J. C. Dinsmore, Kramer, Ind., first vice-president; Harris Lehman, Midway, Ky., second vice-president; E. B. Rogers, Cincinnati, Ohio, third vice-president; John A. Murkin, Nashville, secretary and treasurer.

The above officers, together with Theodore Hewes, Indianapolis, Ind.; A. E. Martz, Arcadia, Ind.; H. C. Dipple, Indianapolis, Ind., and Geo. Rudy, Mattoon, Ill., constitute the executive committee.

The South Central Poultry Association proposes to make the great Armory show the battle ground for breeders, north, east, south and west. Louisville being centrally located offers magnificent opportunities for one of the best shows on the American Continent. Address John A. Murkin, Sec'y., Nashville, Tenn., for any information concerning the big Louisville show.

NORTHWESTERN OHIO POULTRY ASSOCIATION SHOW

After holding nineteen successful annual shows the Northwestern Ohio Poultry Association of Tiffin will make their twentieth annual show, Jan. 8-11, 1913, a bigger success by cooping their show with free uniform coops. They have rented the New Auditorium for this event, which is but one-half block from the court house and is visited by hundreds of people daily. These advantages, with W. C. Pierce to place the awards by comparison and their very liberal cash premiums should insure them a large entry, so if you can't send a string send a pair. Write H. B. Hunter, Sec'y., Tiffin, Ohio, for premium list.



Young's Strain S. C. W. Leghorns

(I HAVE NO OTHER BREEDS)

THEY are the standard for all the Leghorns of all America and the greatest layers of all varieties of domestic fowl, I have hundreds of yearling hens and cockerels for sale that can win anywhere and after winning will improve your stock for eggs and exhibition points. (Remember, you cannot win without my strain.) Address,

D. W. Young, Monroe, N. Y.

STANDARD POULTRY TOPICS FROM OVERSEAS

By W. M. Elkington, England

(Continued from page 95)

the new breed looked like being killed by ridicule. Happily Mr. Hildebrand stuck to his work and at the Palace Show last year he exhibited some pullets that only just fell short of being real good. The best had a beautiful laced breast, but ran short of lacing on the cushion, though there was enough to show what a beautiful picture a good bird of this character would be, every black feather being evenly laced with white, just like the lacing in a Silver Wyandotte, with the colors transposed. The cockerels are not so forward and it will probably be some years before they are brought to anything like perfection or regularity; but I learn on good authority that further great improvement will be seen this year at the Crystal Palace, and should that prediction be verified the breed is likely to get into more hands and progress will be more rapid.

I have heard people poking fun at this, the most promising new breed we have in this country at the present moment because it is coming along so slowly, but these people evidently do not realize the magnitude of the task that breeders have had to contend with. It is not like grafting an established color or combination of colors onto another breed. This color combination is unique and the only combination that resembles it in the least

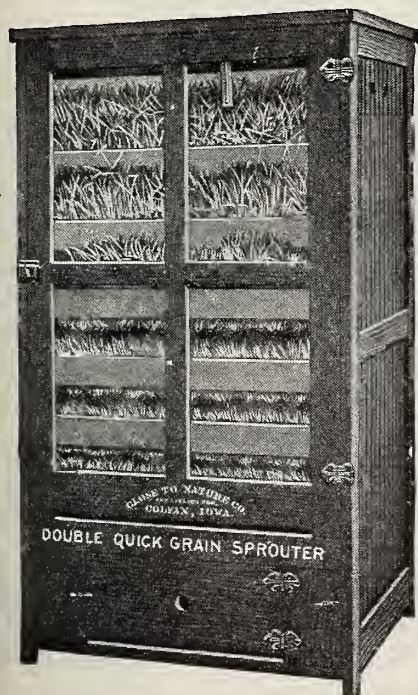
is the Birchen Games. I believe that breed was tried in the early days, but as you may imagine, a Game breed is of very little use in creating Wyandotte type, so that breeders have had to try all manner of experiments and subterfuges. Considering all these things and remembering the correct Wyandotte type and the beautiful lacing I saw at the Crystal Palace last year, I am disposed to heartily congratulate those patient breeders who have produced such promising results out of nothing. Of course in the present state of affairs the variety still presents many difficulties to breeders and I should feel inclined to let the pioneers fix their strains for a year or two before investing in breeding stock. As soon as there is reasonable safety in buying stock that will reproduce their kind, Americans will have an opportunity of passing an opinion; but I do not advise anyone to be in a hurry, for this is a case where from the character of the breed, we must be content to hasten slowly.

Among the other new Wyandottes, Reds and Spangled are the most prominent, though neither make much headway. The Reds are to be wholly red, tail, flights and everything, but as the leading spirit seems to have dropped out of the fancy, interest in the variety is evaporating. The Spangled stand a better chance of becoming popular and this would make a handsome addition to the Wyandotte family, the color and markings being similar to the Ancona. Up to the present, progress has been

very slow, and though some nice pullets have been turned out, cockerels are very raw. Leg color is a stumbling block, and some of the best shaped and colored birds have black or spotted legs like the Ancona, a serious fault in English eyes, for leg color in Wyandottes is regarded as an important item. I have heard of another type of Spangled or Speckled Wyandotte—marked like the Jubilee Orpington and Spangled Game, but this has not yet made its appearance. Instead of so many new colors, I would like to see some of the old ones revived, particularly the beautiful Buff-laced, Blue-laced or Violettes, two old favorites of mine, with which I won many prizes, and the Cuckoo or Barred, for these appears to be dropping out altogether.

Orpingtons have received the attention of the new breed specialists and now that Blues and Cuckoos have been launched attention is being paid to Reds and Partridges. The difference between a Red Orpington and a Red Sussex may not be obvious to the casual observer, especially if the birds happen to be poor specimens of their respective breeds, but the Red Orpington enthusiasts are eager to prove that there is a big difference in shape if not in color, all the same. I am doubtful if this variety will take on. There is more hope for the Partridge Orpington, and as I understand this variety is also being made in America, it will be interesting to compare results a few years hence. Last year a fancier had the temerity to exhibit

Sprouted Oats-Winter Eggs



Get ready for the *highest price* for eggs this season the poultry industry *has ever seen*. For *prolific egg production* this winter and *fertile eggs* next spring, feed **SPROUTED OATS**. To get great quantities of Sprouted Oats easily and quickly, buy a

DOUBLE QUICK GRAIN SPROUTER THE PERPETUAL POULTRY SILO

A veritable *hot-house*, *growth-forcing* machine that sprouts in *24 hours* and grows *two inches* or more daily. Makes *two to four bushels* of feed from *one* of grain. The **DOUBLE QUICK** is the *original grain sprouter*, now in its *third* season, several *thousand* being in use in every part of the United States and Canada, and is *endorsed* by *hundreds* of users.

Our catalog will give you scores of letters like the following:

October 7, 1912—"On September 16th I ordered your No. 5 Double Quick Sprouter sent to Maude L. Kaler, Columbia City, Ind., and this one is proving so satisfactory that she wants another one of the same size, and therefore you will find draft in payment of this second sprouter.

September 14, 1912—"I ordered and received from you last fall one of your 5-tray grain sprouters. This works very satisfactorily but is far too small to meet my requirements. I want one that will sprout for 1500 hens. Will you kindly advise me by return mail if you make a larger size and the price of the same."

Later, September 23—"I have your esteemed letter of Sept. 16th with enclosures. I enclose you my check for which please ship me RUSH one of your No. 6 Grain Sprouters.

Feb. 26, 1912—"I am enclosing my check for your No. 5 Double Quick Sprouter. Please ship by express. I wish to get one of these machines going at the earliest moment. As soon as I have tested this one and find it satisfactory, as I expect I shall find it, I will give you an order for more."

Later, April 27—"I am enclosing my check for two more of your No. 5 Double Quick Sprouters. The one I bought some weeks since is doing good work."

C. H. LATHAM, Beauty and Utility Barred Rocks, Lancaster, Mass.
The nestest I ever saw for sprouting oats. It works to perfection."

Irwin A. Rush, Phillipsburg, N. J., writes—"I am more than pleased with the Double Quick. We had some very cold weather here for some time, but I had one tray a day of sprouts from 3½ to 4 inches long."

M. O. Richardson, Plattsburg, Mo., writes—"It is the greatest trick ever. It grows oats 10 inches long in six days. I am well pleased with it."

David Schwertner, Ottawa, Ohio, says—"Last fall I got one of your grain sprouters and used it last winter and had good results for the weather we had. It was zero weather nearly all the time but my chickens laid from 3 to 4 dozen eggs right along, and I can say the oats did it, for all the people around here didn't get any eggs last winter."

The **DOUBLE QUICK** is double walled; insulated wooden walls outside and moisture-tight metal chamber inside; Heat-retaining, automatic-moisture producing, perfectly ventilated, and Scientifically constructed to sprout and grow great quantities of sweet, crisp sprouts with nothing but clean grain, water and the lamp heat. Made in six sizes, from a few hens to 1,000. Send for the complete **DOUBLE QUICK** catalog. It will *pay* you.

CLOSE-TO-NATURE COMPANY,

48 Front Street,

COLFAX, IOWA

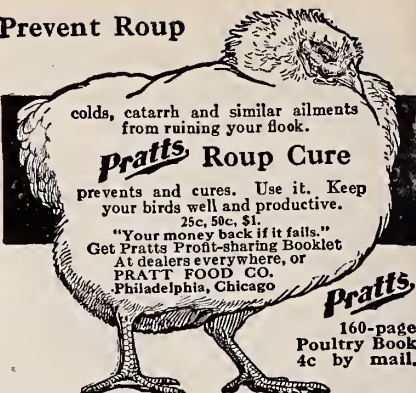
a so-called Partridge Orpington, which looked like a raw first cross between a Partridge Wyandotte and a Buff Orpington. Fortunately the breed is being taken up by more able hands, and I understand that a leading official of the Poultry Club is working upon the Partridge Orpington, and he will not exhibit them until he has something substantial to show for his work. This variety will, of course, be bred to the English Partridge color, and I should say that the Brown Sussex may be used as a foundation, together with a judicious amount of Partridge Wyandotte blood in order to get the brilliant color of the males and the delicate penciling of the females. There is the making of a handsome breed in this and it is unfortunate that our difference with American fanciers regarding the Partridge coloring will stand in the way of international trade.

In Leghorns the blue variety has had a small boom and is now lapsing into obscurity. Nothing more has been heard of the Red Leghorn and the Partridge variety appears to have been given up as hopeless, no interest being taken in it. The new breed that has attracted most attention during the last year or two is the White Faverolles, and that is, I think, because it was in a well-matured state when it was presented to the public. I understand that leg-feathering is not favored by American fanciers, and I am one of those who contend that the Faverolles would be none the worse, perhaps a lot better, if it was bred with clean legs. Some years ago fanciers of Salmon Faverolles discussed this question, and it was pointed out at the time that it was not a question of violating an old time Standard and sacrificing an old established characteristic, for the Faverolles is but a modern composite breed, and so far as I have been able to discover, the originators had no definite purpose in putting it before the public with sparse leg feathering. This feathering appears to have been an inevitable legacy from the crossing that was practiced to get the Faverolles type, and it was quite an accident that fanciers took up the breed in its unfinished state and standardized it as a feather-legged variety instead of breeding out the small quantity of shank feathering as they might have done in two or three generations. However, Faverolles fanciers decided to stand loyally by the originators and they have retained the leg feathering at the cost of the breed's popularity, for I know that in England many more fanciers would have specialized with Faverolles had they been bred with clean legs and I understand that the variety would have made many more friends in America. My own opinion is that the Faverolles is one of the finest commercial breeds in existence, as well as one of the handsomest show fowls. It is the equal of the famous Sussex fowls for quick growth and I am convinced that it would be found invaluable for American raisers of early table chickens. However, as regards the White Faverolles, there is prospects of a real substantial boom and the variety is in a well developed state of excellence, so much so that

Whites are winning over Salmons in general classes. The color is good, the muffling round, the face profuse and the general effect quite delightful.

Finally, if American fanciers want to know the most attractive goods on offer in the British new breed market, let me recommend the White Faverolles first of all. It is the only sound, honest, new breed that can be considered sufficiently forward to hold its own and judgment on the others must be reserved till they are in a better developed state. But do not forget the White Laced Black Wyandotte for the future. It has not arrived yet, but it will create a sensation when it does arrive.

Prevent Roup



colds, catarrh and similar ailments from ruining your flock.

Pratts' Roup Cure

prevents and cures. Use it. Keep your birds well and productive.

25c, 50c, \$1.

"Your money back if it fails."

Get Pratts' Profit-sharing Booklet At dealers everywhere, or PRATT FOOD CO. Philadelphia, Chicago

Pratts'

160-page Poultry Book 4c by mail.

ORPINGTONS BLACK AND WHITE

If you want to get in the King Row you will want some of our birds. We have the kind that make good in the show room, dinner pot and egg basket. Some choice young stock for sale at hard time prices, also colored Muscovy and White Indian Runner Ducks.

STAUFFER BROS.,

APPLE CREEK, OHIO

IMPROVE YOUR FLOCKS

TRUE INDIAN RUNNERS - ENGLISH PENCILED

Best and purest strains, descendants of the original importations. Choice Drakes \$5, \$10 and \$15 each. Good trios at \$15, \$20 and \$25 per trio. Barred Rock Cockerels from heavy laying, practical Rocks.

MRS. ANDREW BROOKS, Brookhaven Farm,

AUBURN, N. Y.

WHITE ORPINGTONS - WHITE ROCKS

INTERNATIONAL CHAMPIONS

Birds from my yards have won at Dairy and Palace Shows in England, also in New Zealand and at every big show in Canada. New York State Fair, 1911 and '12, ten firsts; Michigan Round Up Show five firsts; Madison Square, 1911, 1st, 2nd, 3rd, 5th and 6th. Birds sold on approval. Duty paid to United States.

HIGH WORTH POULTRY YARDS,

LONDON, CANADA

FRED A. ANDREWES, Proprietor.

SPECIAL OFFER

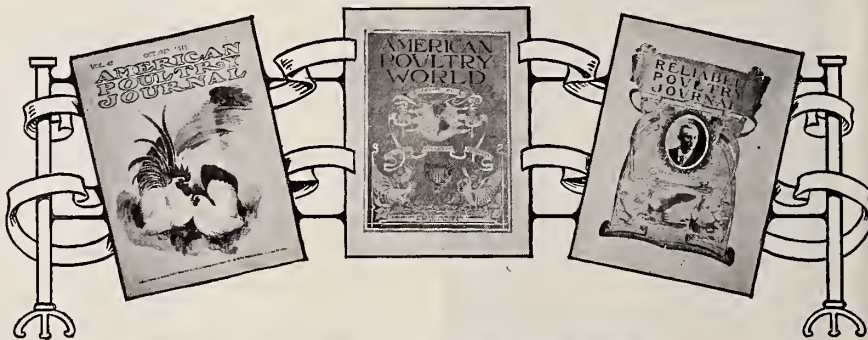
GOOD UNTIL DECEMBER 31st ONLY

An opportunity to secure the three leading poultry magazines each one year for the price of one.

On January 1, 1913 American Poultry Journal will go to one dollar per year. Therefore if you wish to secure these three magazines at the price of one, you must act quickly.

AMERICAN POULTRY WORLD,
RELIABLE POULTRY JOURNAL,
AMERICAN POULTRY JOURNAL,

ALL THREE ONE
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THE THREE LEADERS

The Equal Of This Offer Has Never Been Made

AMERICAN POULTRY WORLD aims to be—and is—the most interesting and best illustrated poultry magazine published. No other poultry magazine furnishes the amount of quality or reading matter that so helps the amateur and professional poultry keeper. It brings "the news" and dependable information to every class of poultry keepers. It is pre-eminently America's leading poultry publication. Price 50 cents per year.

RELIABLE POULTRY JOURNAL—The best known poultry magazine of this country—Grant M. Curtis, Editor—is "In a Class By Itself." Each number contains 84 to 224 pages, and is filled with instructive articles by the successful, money-making breeders of this and other countries. Illustrated by F. L. Sewell and I. W. Burgess. Price 50 cents per year.

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STANDARD BRED FOWLS

ANSWERS TO QUERIES

CONDUCTED BY J. H. DREVENSTEDT

BLACK BEAKS IN COLUMBIAN WYANDOTTES

Q. My Columbian Wyandotte breeding stock is up to the Standard, having yellow beaks with black stripe. Now all of this season, the young stock shows a whole black beak. Will this bar them from the show? Pullets are laying, while cockerels weigh 7½ lbs. to 8½ lbs. each. W. R. B., Maine.

A. Black beaks in Columbian Wyandotte chickens will not disqualify them in the show pen. Very dark colored beaks often are found on cockerels and pullets that have strong color markings. Your May hatched pullets are certainly doing well in laying, while the cockerels show great weight for their age.

MATING BARRED PLYMOUTH ROCKS

Q. I have 175 Barred Rock chicks, good stock. I wish to know if I will get purer stock if I breed father with daughters and if a cock bird having bumble foot is good to breed from and if it could be cured? R. T., New Jersey.

A. Breeding the pullets back to their sires and cockerels back to their dams, is the best method of line breeding, always selecting only the best and most vigorous specimens to breed from.

Bumble foot is liable to injure a cock bird for breeding, if the foot and legs are badly affected. Try removing the cause by bathing the foot in hot water, cutting the swelling open at back of foot and pressing out the puss. Use boric acid ointment on wound and bandage with cotton until healed.

JUNGLE FOWL

Q. We have some Bantams the color of both male and female is similar to that of Brown Leghorns. They are wilder than Bantams of other breeds, but are kept by a few in this vicinity. They have been called "Games," but they seem too short limbed to belong to this variety. They are quite hardy when matured and the majority have medium sized single combs. I should think their weight would be similar to

the average weight of other breeds, although their size varies. Will you kindly write, if possible, whether these Bantams belong to the Standard varieties and of what breed they are? H. E. B., Vermont.



FIRST PRIZE S-C-BLACK ORPINGTON HEN
MADISON SQUARE GARDEN SHOW DECEMBER, 1910.
HUGH A. ROSE, WELLAND ONT.

A. As near as I can ascertain from the description of the Bantams that you have, they are a Jungle fowl. The late Homer Davenport, several years ago, imported and bred these Jungle Fowls. They are supposed to be the original Gallus Bankiva from which most of our domesticated race of fowl sprang. They are black red in color and similar to the old fashioned Black Breasted Red Game Bantams. They

BUFF ORPINGTONS
BROAD AND DEEP, HEAVY LAYING STRAIN
YOUNG STOCK WELL MATURED,
E. L. GROVE MEADVILLE, PA.

Rose's Orpingtons
CHAMPIONS OF AMERICA

BLACK ORPINGTONS
MADISON SQUARE GARDEN, NEW YORK, December, 1911, 1 cock, 1 and 3 hen, 2, 3, 6 cockerel, 1 pullet, 2 pen; \$25.00 Gold Special for best exhibit.
TORONTO, CANADA, September, 1911, all firsts.
NEW YORK STATE FAIR, SYRACUSE, September, 1912, all firsts.
ALLENTOWN, PA., September, 1912, 1 and 6 cock, 1, 3 hen, 1, 6 cockerel, 2, 3 pullet, 1 pen, Stover Estate Cup best Orpington.
HAGERSTOWN, MD., October, 1912, 1 and 2 cock, 2, 3 hen, 1, 2 cockerel, 2, 3 pullet, 1 old pen, 1 young pen, Special best pen in show, Special best cockerel in show, Grand Challenge "Hamilton" Cup for best bird in show—8000 entries.
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Cock,	1-2-3	1-2-3	1-2-3	2-3-4	1-2-4	1-2-3
Hen,	1-2-3	1-2	1-2-3	1-2-4	1-2-3	1-2-3
Cockerel,	1-2-3	1-2-3	1-2-3	1-2-3	1-2-3	1-2-3
Pullet,	1-2-3	1-2-3	1-2-3	1-2-3	1-2-3	1-2-3
Pen,	1-2-3	1-2-3	1-2-3	1-2	1-2	1-2-4

Others claim the "Best in the World", WE HAVE THEM. We have some fine youngsters coming on. Start right with a "Premier" Pen, Trio, or Breeding Cockerel.

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Rocky Run Farm, Box 40, Northfield, Ohio

are short in the legs and small in size. One of the traits of the Jungle Fowl is to roost in trees whenever the opportunity affords.

CAMPINES

Q. Will you kindly tell me if the Campine is a Standard bird? It is not mentioned in the Standard of Perfection. I am very much interested in the breed, but will give it up if it is not recognized in the show room. W. F. C., New Jersey.

A. Campines are not in the American Standard of Perfection at the present time, but will be admitted at the next revision of the Standard, which will be in 1915. Campines were in the old Standard as far back as 1893, but were dropped at the annual meeting of the A. P. A. in 1893, at Boston, as there seemed to be no demand for the breed at that time. However, Campines are one of the oldest thoroughbred races of fowl in Europe and are recognized as Standard-bred in Belgium, England and Germany. As classes are made for them at all our leading shows you need not hesitate about breeding and exhibiting them.

PEKIN DUCKS, RHODE ISLAND REDS, LEGHORNS

Q. 1. How many Mammoth Pekin Duck hens can I mate with one drake? I was thinking of mating five to one. Does trio mating prove unsatisfactory? What sort of birds should I look for in selecting a mating drake? My stock came from Fishers Island, N. Y. 2. This spring I bought some Rhode Island Red eggs which were supposed to be of good stock, but I find my young stock have a lot of black or dark feathers in them, yet they are not smutty. The color is rather light, and the dark feathers appear in the neck, tail and tips of the wings. Do you think this would disqualify them for my breeding pen? Should I mate them with a light or dark cockerel, and about how many to a pen? 3. What sort of a shape bird in a Leghorn would you suggest selecting for next year's breeders? and how should I mate them, that is how many hens to one cockerel? 4. When I put my old Leghorn hens into a pen this fall they were bound to fly over the fence although it is six and a half feet high, so I clipped one wing. Is that a bad practice? 5. Last spring I mated two geese to one gander, and had a lot of rotten eggs. Should I mate them differently? Perhaps I am asking too much information, but I am working for good breeding stock on my farm for egg and broiler profit and am very anxious to start right. It is needless for me to tell you that I have a great deal of confidence in your methods and advice. L. W. N., New Jersey.

A. 1. Five Pekin Ducks mated to one drake is about right. Select the largest ducks to breed from and see that the drake is of good size and corresponds to the Standard ideal of shape. 2. If you will look over the Standard for Rhode Island Reds, you will find the black markings of your young stock to be very desirable and necessary prop-

erties. The pullets should make good breeding birds, but if they are light in color, mate them to a cockerel or cock a trifle darker in color than the Standard calls for. You can put eight to ten pullets in a breeding pen. 3. Select your Leghorns according to description in the Standard; study the illustrations of the Leghorn male and female closely and select birds as near to this type as you can find in your flock. You can mate 10 to 20 Leghorn hens to one cockerel. 4. No, unless you wish to exhibit the birds. 5. The trouble probably was caused by using a young gander. While young geese will breed, ganders will not until they are over two years of age, in fact, three years and over is even better. You can with an old gander mate several geese and get good results.

It is no trouble for us to answer your questions as we always desire to help readers of the AMERICAN POULTRY WORLD whenever the opportunity presents itself. Would advise you to secure a copy of the American Standard of Perfection and

our books "The Rhode Island Reds," "The Leghorns," and "Turkeys" and "Ducks and Geese."

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SHORT ARTICLES OF TIMELY INTEREST

By Experienced Breeders

[Continued from page 91]

Too much can not be said about the importance of green food, never a day should go by but what the birds have plenty. I give my birds fresh water usually twice daily. Keep the floor well covered with straw, so the birds will be busy looking for something and feed all grain in the straw. I prefer to feed mash in hoppers and keep it before the birds all of the time, plenty of oyster shell, grit and charcoal are also essential. Clean out the droppings every day, give a good dust bath and spray with fuel oil or any good lice destroyer for mites.

I prefer open front houses, part muslin curtains and part glass. During very cold stormy days would advise that the curtains be closed most of the time, the ventilation will be all right if curtains are kept clean. As a rule in our climate we can keep curtains open almost every day. Our temperature goes as low as 30 degrees below zero, usually such nights bring forth fine clear days. My attendants keep opening up the houses until the middle of day, then gradually close them, thus keeping temperature inside as even as possible.

The housing of pullets is an important time of their life, the change from a free range to restricted quarters is a great one and unusually good care and judgment must be exercised. I try to tame them by being with them as much as possible, be careful and not frighten them, furnish them all kinds of food until they are accustomed to their quarters. If possible to have fresh worked runs with nice young clover growing, you have an ideal condition and will help more than anything else toward promoting eggs to come forth. Look out for sudden changes in the weather, it has its effect much more than most keepers of poultry suspect, try at all times to be a little ahead of the change and arrange your ventilation accordingly. When very cold use plenty of corn, this grain the best to keep the fire burning.

To sum up, to get December eggs you must work and work hard. After January 1st when the sun is over the fence most any poultryman will find times growing better, the hens will show you that they appreciate your care during their dressmaking time and the pullets will show their bringing up.

—O—

HOW I WASH WHITE ROCKS

THE IMPORTANCE OF CAREFUL WASHING.
HOW A PROMINENT AND SUCCESSFUL
BREEDER ACCOMPLISHES THE TASK

By H. W. Halbach, Waterford, Wisc.

The washing of a bird is very important if one wishes to win at the shows. No matter how good your

birds are, if they are not in show condition, they will lose to an inferior bird, that is exhibited in good shape. The first thing to do in washing birds is to heat a room to at least 90 degrees. This may seem very warm but remember that the bird will be wet and not feel the heat as much.

Take the bird and begin to scrub the shanks, using soap to help clean them. Then with the aid of a toothpick, or the like, clean all the dirt from under the scales. This will put the shanks in good shape and add to the bird's attractiveness.

Next take four tubs, which should each be one-third filled with warm water. Place the bird in the first tub and begin to get every feather wet. Always remember to rub feathers as they lay; never against the lay, as this will ruffle them. After applying the water with a sponge for a short time begin to use ivory and shaving soap freely. Do not be afraid to use too much soap as the more the better.

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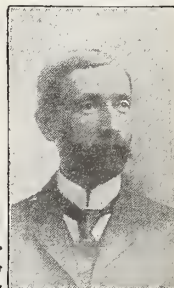
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WASHINGTON, N. J.

I often have a lather on the water of tub No. 1 several inches high. Begin washing at the head, and continue as follows: neck, back, tail, breast, body and fluff. Wash and soap the feathers till they are properly wet, i. e., till all the dry and fluffy appearance has left them. After you have made sure that there is no more dirt left on the feathers take the bird to tub No. 2.

Then take a clean sponge and go over every section of the bird so as to get out all of the soap. This is as important as getting the dirt off of the birds, for if the soap is not taken out the feathers will appear dirty and sticky. After you think you have all the soap out take the bird to the next tub.

Tub No. 3. This tub, like tub No. 2, is also used for rinsing and making sure that the soap is out of the feathers. Go over the bird in the same manner as you did in No. 2. After this is done take the bird to tub No. 4.

This tub has about 6 inches of soft water in it and need not be as warm as the water in the others. Place as much blueing in it as is needed for blueing white clothes. Rinse the bird with the blueing water, the same as you did in tubs Nos. 2 and 3. After you have rinsed the bird thoroughly with the blueing water place him on a clean box which should be set by a brisk fire. Sponge off all the water you can with a dry towel or sponge. After you have sponged out all the water you can, take a fan and begin to fan the bird. When he begins to get dry place in a clean coop close to the stove. However care should be taken not to put the coop too close as the heat is liable to curl up the feathers. In a few hours the bird will be dry and can then be removed to a room which is not as warm.

If your birds are carefully conditioned as outlined above they are now in good shape and are ready for the critical eye of the judge.

I have been asked if yellow corn has any effect upon the plumage of white birds, and will state that I would at all times prefer to feed white corn as in many years' experience I have found that no matter how white a bird may be, yellow corn or even wheat will have a tendency to produce cream in the plumage.

THE VALUE OF GREEN CUT BONE ONE OF THE BEST EGG PRODUCERS. IN- EXPENSIVE AND EASILY PREPARED. IMPORTANCE OF PROPER- LY CUTTING

By Humphrey, Joliet, Ill.

Owners of large poultry farms long ago came to recognize the value of fresh bone as an egg-making food. The only difficulty in its use is the trouble of cutting, but with the light-running bone cutters that can now be purchased for small amounts, and on the easiest kind of terms, it is hardly any more bother to prepare fresh bone than to mix up a mash or any other ration.

The reason fresh bone is so good is that bone in its formation has practically the same elements as meat, which even the novice at poultry raising knows is a necessary ration. You can not feed grain exclusively and expect your hens to lay. Indeed, there is not egg-making material enough in a bushel of corn to make a dozen eggs.

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1st and 3rd cock birds, two entered class of 10.

1st pullet, one entered, class of 11.

2nd cockerel, class of 10.

1st pen old, 1st pen young, 1 pen each entered, class of 7 & 5 pens.

Best display, also best display at Tr. y. N. Y., Sept. 5th. Some exceptionally fine cockerels for sale. Will furnish guaranteed winners. Write me stating your needs.

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I can furnish you more size, more high quality than you can buy on any breeding farm in the United States. I can furnish you as much size and quality as you can buy in England, and at much less price. I have cockerels and pullets above standard weight, fit to win in any show in the world. Get my prices.

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WELLINGTON REDS

WELLINGTON RED FARM, E. W. Phillips, Prop., Box W, WELLINGTON, OHIO

ROSE AND SINGLE COMBS. Have started the show season of 1912-13, watch for their winnings. Last season they won 16 firsts, 19 seconds, Grand Cash Prize for Best Display of Parti-Colored Birds; Cash Special for Best Pullet in American Class; Silver Cup for Best Display of Rose Comb Reds; Cash Special for Largest Display of R. I. Reds, besides many smaller prizes. A grand flock of Cockerels and Pullets now ready to win the ribbons for you. Yearling breeding hens at cut rate prices.

You can not get eggs unless you put egg-making material into the hens.

Fresh bone,—or green bone, as it is sometimes called, although I prefer the word "fresh", because meat should be always fresh and sweet, when fed to poultry—has the merit of cheapness, and this is an important factor in these days of high prices for cereals. Some butchers will be glad to give you all the bone you need, though even if you have to pay anything, the expense will be but trifling.

In order to make bone available for poultry food, it is necessary to have a bone-cutter. In selecting a cutter care should be taken to buy a machine which is strong enough to stand up to its work, and one which will really cut the bone, and not cause it to splinter. Chickens eat cut bone very greedily, and if it is not properly cut, there is danger of a splinter lodging in the chicken's throat and causing death.

The results of using fresh-cut bone are little short of wonderful. I usually keep in the neighborhood of 70 hens and although I am not a "poultry shark" I find that I am successful in getting eggs all through the winter, averaging from 40 to 50 eggs a day and occasionally running up as high as 58 or 60.

Fresh bone is obtainable all the year round and is an all the year round feed.

It can be fed in a hopper mixed with grain or scattered in the litter. I generally use the latter two methods—sometimes one, sometimes the other—and find no advantage, one over the other. I usually allow about two tablespoonsful to each bird. A big knuckle bone weighing about 2½ pounds will feed forty full grown hens. In winter, I add to the fresh-cut bone some finely cut clover or alfalfa hay, with wheat or cracked corn. This ration I find makes a perfect combination for the laying hens.

In conclusion, let me add that the experience of poultrymen is that fresh cut bone makes bone, muscle, feathers and eggs. It tones the system, makes the fowls livelier, more vigorous and abler to resist disease. It makes the cock and cockerel healthy. It forces pullets to early maturity, and set ahead the date at which they begin laying. It produces eggs that taste better. It results in stronger fertility. It lengthens the laying period. It keeps poultry through the moulting period and gives quickest recovery. It saves feed bills. It makes hens lay in winter.

In many other ways, fresh-cut bone

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Also a few S. C. White Leghorn yearlings. Prices on above from Two to Ten Dollars each.

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Hundreds of yearling hens, White Wyandottes and S. C. White Leghorns, including many Albany and Schenectady winners. Some grand yearling cock birds that will win at the best shows.

Morgan's Black Langshans and Rose Comb White Leghorns

Exhibition and utility stock for sale. Write for my free price list.

Morgan Bros.,

Dept. 4,

W. Alexander, Pa.

Summer Sale of Blink Bonnie S. C. White and S. C. Buff Leghorns

Note the prices. A fine lot of two year old breeders at 75 cents each. Choice yearling breeders at 1.00 each. Also a few cockerels at \$3.00 each. Order direct from this "Ad". First come first served.

Scotch Collies for Sale.

BLINK BONNIE POULTRY YARDS,

Box W,

BATH, PA.

COLUMBIAN WYANDOTTES

I have 500 fine utility, breeding and exhibition birds for sale. If your flock is weak in a certain section, why not write me for a male strong where they are weak. Prices reasonable and stock sent on approval. I line breed and trap nest the McIntosh Strain which is the oldest and best strain. Have just added another 250 capacity breeding house equipped with trap nests. Of a possible 29 firsts at six last showings I won 20 firsts. Send for special sale list of stock. It is free.

LEVI A. AYRES,

Box B,

GRANVILLE, N. Y.

REDNEY RHODE REDS WIN IN HOTTEST COMPETITION ISLAND REDS MAKE COMPETITION HOTTEST

New York State Champions Rose Comb

They made the competition hottest ever at the New York State Fair. First prize cock and first and second prize cockerels pronounced as completely outclassing everything else in their class, and the first and second prize pullets as the best ever exhibited anywhere.

Get some of the right quality at right prices and win at your shows. A few Single Comb Birds that will win for you and put the right shape and color in your flock for sale. All from my Madison Square Garden and Grand Central Palace, New York winners.

J. ALVAH SCOTT,

Red Specialist

OSSINING-ON-HUDSON, N. Y.

Winners and Breeders that Produce Them

A SALE OF MERIT WORTHY YOUR ATTENTION

S. C. BUFF ORPINGTONS

In placing your order it is well to remember that blood lines must be considered, and your success depends on the quality of the off-spring sired parent birds. Our winners are line bred winners and our breeders produced by them. Year after year our breeders have produced many of the noted winners at the greatest shows in America, and in the hands of customers they are winning the blue in all parts of the country. Now we are offering you

Young Stock-Bred from Line Bred Winners

We can fix you up with a cock, hen, cockerel, pullet and pen to meet any competition and they will produce winners. Then we have excellent breeders in both young stock and yearlings that can win at the smaller shows, which we are selling at a sacrifice. No matter what you need, or what you want to pay, let us quote you prices.

Roseland Poultry Farm,

Chas. W. Switzer, Prop.,

South Euclid, Ohio

ELDORADO CRYSTAL POULTRY YARDS

If quality is what you want, we have it, our breeding pens are made of high class stock this season. The first pen of White Orpingtons at the Great Tri-State Fair, at Memphis, now heads our yards, besides them we have 1st, 2nd and 3rd prize pens of the Eldorado Annual Fair. Also 3rd and 4th cocks of the New Orleans Show of last season, have a lot of young stock that have never been shown that are well up in quality; can furnish stock and eggs at all times write us your wants.

ELDORADO CRYSTAL POULTRY YARDS, Mrs. J. C. Hudson,

Box 53,

ELDORADO, ARK.

will do better and prove cheaper than any other food, but surely these are enough to awaken interest in the poultryman, if he pretends to care for his birds, and make him want to give it a fair, full trial.

—0—

THE AUTOMATIC FEEDER
NOT ONLY SAVES TIME AND LABOR, BUT ALSO INDUCES THE FLOCK TO EXERCISE. MORE WORK, MORE EGGS
By W. M. Connor, Jersey City, N. J.

Four years ago this coming December for the first time a Self-Feeder and Exerciser was shown at the Madison Square Garden, New York, Poultry Show, and today there are some nine or ten different makes on the market, showing conclusively that they are a good thing. Some of the best poultrymen of the country say it is only a question of time when they will be as generally used as the incubator, as they not only save time, feed and labor, but can be relied upon to faithfully care for the flock, and do their part better than when fed by hand. Poultry handlers generally are becoming educated to know that these feeders are a necessity in every well equipped poultry plant whether it is large or small.

No one who keeps poultry should be without the hopper feeders. For myself I prefer the style that automatically scatters the feed so every fowl can get its share, and yet prevent rats and birds from getting the poultryman's profit, as is often the case.

Feeders can be used in or out of doors as the most of them are rain proof, and can be used with or without scratching material, but when used inside, especially if the feeder is automatic, it is best to use some scratching material, but by confining this to a small space, and setting the feeder therein only about $\frac{1}{4}$ of the amount need be used that should be used in an open scratching shed.

These feeders fulfill a long felt want as they keep the whole flock working to get their feed, hence no drones or over-fat hens but more eggs, as it is the busy hen that produces the egg and the feeder and exerciser keeps them busy.

—0—

CONDITIONING BUFF WYANDOTTES
EXPERIENCE NECESSARY FOR BEST RESULTS. SOME POINTS FOR THE NOVICE TO CONSIDER. WASHINGTON NOT NECESSARY. HANDLING AND TRAINING
By Gerald Williams, Northfield, Ohio

Condition is of inestimable value to the show specimen when the judge with his stern look and stick comes along. Selection of individuals from the flock at large is one of the first and most important items.

There are hundreds of people who can judge the finished Buff Wyandotte correctly, who sadly fail in the selection of individuals two months previous to show time. Right here is where experience cuts a large figure,—to be able to see in an apparently rangy, long geared, crane-necked bird in short plumage—the outline of two months' hence when the plumage is finished and the rotund lines of maturity come, is an art that comes only with experience.

When going over the flock for elig-

ible birds it is well to look over very carefully each bird selected, for disqualifications. This may sound like needless advice, but many's the time the experienced show man has been deeply chagrined by having an otherwise good bird thrown out or set back by a tiny bit of down between the toes, or a difference of opinion on amount

ORPINGTONS---BUY NOW

Fifty choice Crystal White yearling hens and cocks for quick sale. My prices are the lowest. My quality the best.
JAS. D. CHEESMAN, Box W, ANDOVER, N. Y.

Champion Black Orpingtons

EGGS AND STOCK.
JAMES H. STAIR, AKRON, OHIO

SINGLE COMB REDS

C. JACK FROST, 567 East 23rd St., PATERSON, NEW JERSEY
Member A. P. A. and R. I. R. C. of America

ROSE COMB REDS

Our matings are the strongest in our history, and we sell eggs from these matings without reserve at \$5.00 per 15.

Send for Catalogue. Address

Red Lion Poultry Yards, Jenkins & Park, Props., Chatham, Col. Co., N. Y.



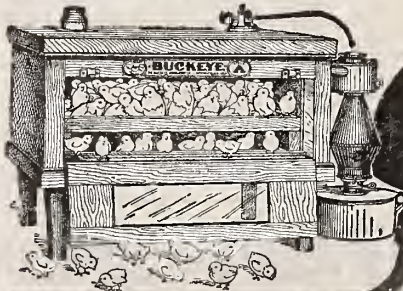
ANDREWS' WHITE WYANDOTTES

Let me book you now for the Winter Shows. Will guarantee you a winner. Remember I hold the *World's Record*, having won at *Boston* the world's greatest White Wyandotte show, First and Second Cockerel 1910-11-12. First Pen Five Successive Years, Best Display 1911-12. Best Shaped Male 1910-11-12. Send For Catalogue.

J. W. ANDREWS,

Box W,

DIGHTON, MASS.



Anybody can
Hatch Chickens
with a Buckeye

Yes, anybody. Do you get that? Means YOU. Makes no difference whether you have ever used an incubator or not. Means YOU all the more if you have tried them and had poor hatches and bad luck generally. YOU can—anybody can—hatch chickens with a Buckeye.

Every Buckeye Incubator is guaranteed to hatch every hatchable egg—unconditionally guaranteed. A beginner can get successful hatches.

Just because you and anybody CAN hatch with a Buckeye, one-third of a million Buckeyes are in use today. Last year alone 100,000 were sold. Every fifth incubator sold last year was a Buckeye. More Buckeyes than any other two makes.

When you buy a Buckeye you are shown how to run it—personal help. No trying to study how from a book of complicated directions, using unfamiliar terms. But Personal Help that enables you to get good hatches from the start. You do not want to spend good money for costly settings of eggs, and then have them spoiled because you did not know how to use your incubator right.

See the 1913 Buckeye As low as \$8.00

You can SEE a Buckeye before you buy. Learn all about it. See how it works. Satisfy yourself that you want it—and all before you buy. Let us send you the name of our dealer nearest you, where you can see our 1913 line of Buckeye incubators. Five sizes—60 eggs up to 350 eggs—a complete line. Equipped with every desirable device to add to incubator efficiency. The big thousand-egg machines use the same principle of construction as the Buckeye—a perfected system that makes the Buckeye the world's best hatcher. The 1913 line of Buckeyes is better than ever before in our 22 years' experience. Now is the time to investigate. Don't delay. Get the facts, so when the time

comes to buy, you will have determined what you want and not lose time then.

Get the Buckeye Catalogue

Our new catalogue is a clincher. It states facts simply, convincingly and briefly. It is an incubator catalogue, talks incubators right through, and shows you that if you keep chickens, you not only need an incubator, but you need a Buckeye Incubator. Write today for this book. You will realize that reading it will be time well spent. We will tell you how and where you can see a Buckeye at work. We stand ready to help you and to answer your questions. Address

THE BUCKEYE INCUBATOR CO., 527 Euclid Avenue, Springfield, Ohio

of foreign color in lobe, or a defective comb. All doubtful specimens should be rejected. It is better to be safe than sorry.

In selecting for shape a Buff Wyandotte that is immature or in the moult—the bird should be taken in the left hand by the legs, the body resting easily over the left forearm, the right hand run down over the back. If the back is broad and moderately flat at the saddle and not too long, high or narrow in front of the saddle and if the breast bone is straight and prominent, that is, projecting well forward, then the specimen in hand should have good Buff Wyandotte body shape. The length of neck and shank are best judged from a side view when the bird is standing in a natural position. Length of neck and shank in the unfinished bird must be judged comparatively to the possible development by show time. When in pinfeathers these dimensions always appear longer than when the bird is rounded out with more flesh and full plumage.

Frequently the last part of the plumage to be completed is the saddle. The full length saddle feathers in the Buff Wyandotte are most necessary to good shape. The experienced conditioner seldom depends on just one selection at this time for final choice. It may not be long till definite decision can be made and it may be hard choosing. A comb that is on the danger line of being too big and coarse at beginning of conditioning should be avoided as the comb almost invariably increases in size as the bird is finished off. This applies to both sexes.

Selecting of individuals having been satisfactorily made, the real conditioning of the Buff Dottes commences. Too sharp spurs and over-grown beaks should be trimmed; broken feathers and faded ones should be removed to give nature a chance to mend their clothing. Rough legs should be scrubbed with soap suds, rinsed, dried and oiled. There may be more scientific ways of handling prospective winners, but the most common way is to confine the bird alone in a roomy, well lighted coop, bedded with clean, bright straw, bird having access at all times to fresh water, grit, shell, charcoal and greed food.

Whatever ration has been successfully used with the flock should produce as good results with the individual. No sudden change of feed should be made. This one mistake ruins the chances of many a good bird. At least ten days should be taken to bring about a complete change of ration. When the birds are first cooped is the trying time, and it should be borne in mind that where the bird has had access to grass, gravel and the ash pile at liberty, he should receive their equivalent when shut away from them. Ration for a closely confined bird should be slightly more loosening if anything than when on range, to offset lack of exercise. A little oil meal, or an occasional dose of Epsom is good.

HANDLING AND TRAINING

The best word I can offer on the subject of handling and training show

FAIR HAVEN POULTRY FARM PRIZE MATING WHITE ORPINGTONS

PRIZE WINNERS FARM BRED WINTER LAYERS
We are now booking orders for stock and eggs. Order early. Write for prices and mating list.
W. J. WEAVER, "White Orpington Specialist," NASHVILLE, TENNESSEE

R. F. D. No. 9, Hillsboro Road,
SUNNYSIDE PEDIGREE STOCK White, Buff and Barred Rocks; R. I. Reds; White, Buff and Brown
PAY DOUBLY Leghorns; Orpingtons; Wyandottes and Cochins.
If you want poultry to pay and to win, get some of our pullets or yearlings. All trap nested stock. We also have grand cockerels and cock birds from noted layers, laying over 200 eggs per year. Life is too short to breed common stock. We have started hundreds right, may we not you? Write wants for booklet
SUNNYSIDE POULTRY FARM, BRISTOL, VERMONT

CONNECTICUT ROSE FARM

The kind that win and pay a, they go and to more thoroughly advertise my stock I will sell, while they last, Utility Cockerel a' \$3.00 apiece, two for \$5.00. They are strong, vigorous fellows and easily worth double the money. Satisfaction guaranteed.
WM. P. SAFFORD, R. F. D. No. 1, PERRY, N. Y.

DEARBORN'S S. C. R. I. REDS

SPECIALISTS IN THIS VARIETY,
and winners of Sweepstakes \$60 cup at Allentown, 1912, for the best Red in show, both combs competing, 14 prizes at Trenton, 1912. An elegant lot of exhibition cockerels for the fall shows now ready. (No pullets).
DEARBORN & SHARPE, BLAIRSTOWN, N. J.

PARTRIDGE ROCKS

Breeding and Exhibition Stock for sale. Write

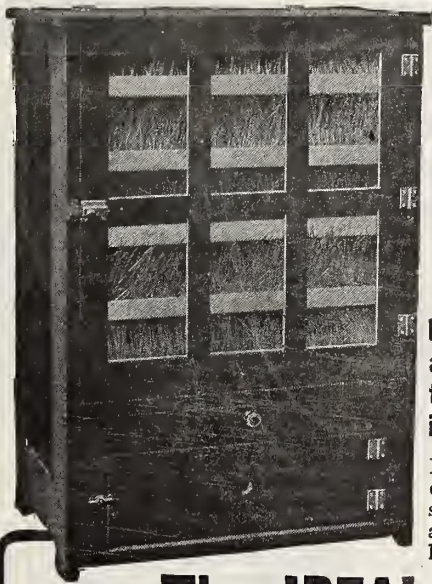
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FIRST PEN AND FIRST COCKEREL AT BOSTON, 1912

Have furnished winners for Madison Square Garden, Buffalo Springfield Providence, Guelph Canada and many other leading shows. 300 Head of fine young stock for sale that will win at any show. Catalogue free. Breeder of R. C. Reds 12 years. Satisfaction Guaranteed.

PAYNE BROS., Box W, PORTLAND, CONN.



**Increase Egg Yield
This Winter,
Save Money on Feed,
Make Chicks Grow
Rapidly, Strong**

**by installing an Ideal Grain Sprouter
and feed your hens the green food
that is absolutely necessary to
insure prolific egg production.**

Eggs are going higher in price every day, the demand is far exceeding the supply, and it looks like *good times* and *plenty of money* for the man who has one of our Sprouters.

The IDEAL Grain Sprouter

- Is the best machine for sprouting grain ever made.
- will produce sprouts over 2 inches long in 24 hours;
- sprouts any kind of grain better, in less time and without fuss or muss;
- produces three to four bushels of feed from one bushel of grain;
- pays for itself in a single month by saving in feed bills, increasing egg yield, supplying food that makes chicks grow strong and vigorous.

The "Ideal" is made in several sizes—for a few hens up to hundreds. Can be used in summer (without lamp) as it has proper arrangements for moisture and ventilation to produce quick results and crisp feed.

CONSTRUCTION

Made of best lumber—double walls, insulated with heavy deadening felt—inside lined with galvanized iron—frame of tray heavy galvanized iron—bottom of tray heavy wire netting—front of machine glass, which induces green sprouts. These sprouts require very small amount of artificial heat which is produced by the Ideal Safety Lamp, the fumes of which pass through ventilators.

Get Special Low Price Freight Prepaid Offer Today

Don't delay but write at once for special low price freight prepaid introductory offer, full particulars and description of this perfect grain sprouter. No poultryman should be without it. It is the *Biggest Money Maker for the Poultryman since the Incubator was invented.*

Made by J. W. Miller Co., Manufacturers of Incubators, Brooders and Poultry Supplies, which is sufficient guarantee of its excellence.

J. W. MILLER COMPANY, Box 602, ROCKFORD, ILLINOIS

specimens is to watch the judge or artist when he comes to a bird he likes. He will chuck the bird under the chin, poke his breast, touch him on the back and with all his skill endeavor to get the bird to stand like the "Picture in the Book". These motions are the principal part of training and handling a Buff Wyandotte. Above all the bird should be taught that he has absolutely nothing to fear. A "coop shy" bird in a show is more objectionable than a "soap shy" person in a crowd.

A study of the illustrations of the Buff Wyandotte in the American Standard of Perfection, pages 74 and 75 in the new book, and the photos in the really good catalogue and text book on Buff Wyandottes now to be had for a small sum, will familiarize one with what is wanted in the way of "pose" in a Buff Wyandotte. Fussing with the wattles and kneading the crop with the fingers seems to have an especially soothing effect on the mental condition of a standing bird. The habit of giving a tid-bit at first approach helps to give a bright expectant look to a bird, that is very attractive.

A prospective winner should never be allowed to get the worst of an argument with another bird. If the argument is necessary the condition should be reversed. A victory frequently gives an otherwise shy acting bird a confident swagger that is desirable. The fighting spirit is not quite extinct in the average American and we like to see a Buff Wyandotte show bird in his fighting clothes, when on exhibition.

Buff color, as we find it in the up-to-date Buff Wyandotte, is one of the nicest of all with which to work, when one gets in right. Sensitive to every change in the condition of the bird's health, it responds quickly to coaxing in this way. It is absolutely no use to try to condition out shafting, mealy or laced buff, nor black, but to a good, smooth, even shade of buff, that still looks rough while in the unfinished coat, a wonderful help rests in the proper conditioning. There is a great drain on a bird's vitality when the feathers are growing,—sometimes ill health causes mal-nutrition of the growing feathers, when all kinds of trouble appears, deformed feathers, white splashes and "rough coats". Special care of the general health of the bird while the coat is forming is necessary.

Perfect condition in the health of the fowl means that when the work of making the feathers is over, the forces which have been forming the feathers are directed to the addition of the luster, sheen and brilliance so desirable in the exhibition Buff Wyandotte. In the female Buff Wyandotte the "finish" as it is called, usually proceeds by only a few days, the egg. Every egg that is laid detracts somewhat from the show condition of the bird. So that the expert conditioner tries to bring the bird to the minute just at show time. If the bird seems to be coming along too fast a change of quarters is often a deterrent to egg laying. If the bird does not seem to come on as rapidly as desired a little stronger ration may be needed.

An excellent auxiliary in conditioning a bird is raw Frankfurters or Wieners. Starting with a small portion, gradually increasing until the

bird is getting an inch and a half of the meat as large around as the finger daily. This meat comes ready seasoned about right to be a mild stimulant

D. & F. REDS

Win at New York State Fair, September 9th to 14th, 1912, \$25.00 for best exhibit Rhode Island Reds, winning 3 firsts, 3 seconds, 1 third, 3 fourths and 3 fifths. We sell guaranteed winners.

Also a good number of breeders for sale at \$1.50 up. Ask the Editor of this paper about us.

ROCK CREEK FARM,

Route 2,

GENESEIO, N. Y.

RELYEA ROSE AND SINGLE COMB REDS

Wonderful layers. Exhibition quality. All stock farm raised. Quality high—prices low.

Give us a trial if in need of stock or eggs. Address

SUNNY BANK POULTRY FARM,

ONEONTA, N. Y.

JORDAN'S COLUMBIAN WYANDOTTES

An exceptionally fine lot of young birds of exceptional quality at hard times prices. Write at once.

DR. H. M. JORDAN,

Box W,

HICKSVILLE, OHIO

S. C. WHITE LEGHORNS

OVERLOOK POULTRY FARM, E. C. Landers, Prop.,

WHITNEY POINT, N. Y.

If you are looking for birds for winter shows, write tons for prices as we have an elegant lot of males and females all in the pink of condition. We have 50 utility cock birds from 3 to 5 dollars each, 200 March and April hatched cockerels from 2 to 5 dollars each. These birds are from and sired by the best stock of the famous Pine Top Poultry Farm. All Stock Guaranteed.

VERMONT'S FAMOUS WHITE WYANDOTTES

Are Still Winning Strong. Five out of six firsts is their latest. Cocks, Hens, Cockerels, and Pullets that can win for you. Write your wants.

GEO. M. BEECHER,

Box 125,

WEST PAWLET, VT.

Silver Campines

Our second cockerel at Boston last winter was called an exceptionally fine Campine—winning in a class of five winners at Madison Square a week earlier. We know what a winner should be and can furnish such. Our Campines are the very best line of blood obtainable.

J. FRANK VAN ALSTYNE,

Box 5,

NIVERVILLE, N. Y.

VINCENT'S BUFF ROCKS

Again victorious at the Great Allentown Fair—win 1-4 cocks, 4 hens, 3-4

cockerel, 2-3 pullet, 1 pen. A choice lot of stock for sale. Prices

reasonable. Satisfaction guaranteed. Write your wants.

JAMES H. VINCENT,

HAZELTOWN, PA.

S. C. WHITE LEGHORNS

Breeders for Sale—Selected stock from my quality matings this season at cut prices.

OAK POULTRY YARDS, Paul C. Bork, Prop.,

Member A. P. A. and National S. C. White Leghorn Club,

AKRON, OHIO



Now Ready New 1913 Prairie Poultry State BOOK Bigger and Better

Every one interested in chickens—amateur or expert—wants and needs this valuable book. Poultry experts say it is by far the best book published. It is brimful of good, practical information, gleaned from actual experience of the most successful poultrymen. Over 120 pages and 75 of them bristling with such live topics as the following:

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Do it today. Be among the first of the thousands who will ask for this valuable book—so you won't have to wait for your copy. You'll be surprised at what you get. An illustrated book crowded with money-making and money-saving methods, hints and pointers which you will be happy to know. State experiment stations, Corning of N.J., and dozens of the best poultrymen in the world endorse this book, and tell how success is sure with

I have paid dollars for poultry books not half so valuable. I never came across anything like it before.
E. H. Ransdell,
Witt, Ill.

Prairie State Incubators and Brooders

which are built according to the very best ideas in practical, scientific incubation. Practical use proves they hatch the most and best "livable chicks." The book is free if you send now. Do it today.

[25]

Prairie State Incubator Co., 481 Main Street, Homer City, Pa.

120 Page Book

FREE

for the bird. A healthy bird will not need to be doped with drugs. This practice is altogether too prevalent. A scrubbing and oiling of the legs is always seasonable. Comb color should come from health rather than from grease, alcohol, capiscum or dopes. A fowl's comb is his health certificate. Eye color improves with condition possibly in a lesser degree.

WASHING A BUFF WYANDOTTE

Buff color does not readily show soil, and thanks to the clean country air and the natural tendency to cleanliness of the birds, we have never "soused" a bird all over in all our years of showing. But for our city cousins, whose birds become soiled with coal soot, it may be best to wash the birds. At any rate it is not advisable to show a dirty bird. There are excellent rules in the current poultry press for washing birds, but be sure to leave out the bleaching ingredients.

In shipping to the shows a tight three compartment coop with 1 1/4 inch ventilation in sides—at top—is very satisfactory. Compartments 12 inches by 15 inches by 24 inches high answer very well for Buff Wyandottes. Water need not be provided in winter for a trip lasting less than 18 hours. A tin cup nailed in the corner of each compartment half way up with request to water written on coop will answer for longer trip.

Rough handling enroute spoils chances for many good birds by making them stiff and sore or shy. All express men ought to be inoculated with the chicken fever, then fancy poultry will be better handled. In summing up would say, breed vigor into your flock—the ability to stand up under the strain of shipping and showing. This is not a short notice jab. If your flock lacks stamina—introduce new blood. If you wish to win in the hot competition of today you must be on the job the year round or go to the fellow who is.

E. L. GROVE, MEADVILLE, PA.

The broad, deep, heavy laying kind is the way E. L. Grove, Meadville, Pa., describes his Buff Orpingtons. As he is a specialist in this variety he probably knows what he is talking about. He has fully matured young stock ready for disposal and judging from the way the Buffs are growing in popularity, they should find ready sale. Would advise all readers who desire to secure Buff Orpingtons, for any purpose, to write Mr. Grove, and get his prices. Do it today before it is too late.

*** Our clubbing combinations on another page should interest you ***

CAUFFMAN'S S. C. RHODE ISLAND REDS

I have the goods—My winnings at Red Bank, Trenton, Inter-State Fair, Philadelphia and Allentown Pa., demonstrate the quality of my Reds. I have a few good birds for sale at moderate prices. Write me your wants.

GEO. H. CAUFFMAN,

SPRING LAKE, N. J.

REDS

ROSE COMB

Every fall, I put out about 15 extra Bean cockerels among farmer friends; and it would make the heart of a RED crank beat faster to see the depth of color they throw into a common flock. 8 yearling cocks. No females. Cockerels later.

DR. H. E. CHESEBROUGH,

GREENWICH, N. Y.

WHITE ORPINGTONS

Grand big cockerels and pullets. Excellent yearling cock birds. Prices right.

BURGER & BURGER, Member A. P. A.,

R. D. No. 8,

MANSFIELD, OHIO

SALE OF S. C. WHITE LEGHORNS

McAlpin and
Cleveland Strains

Must dispose of 300 yearlings at \$1.00. 350 pullets from 75 cents to \$1.25 to make room. All stock farm raised. 100 Acres devoted to the Leghorn. Address

ORCHARD GROVE FARM,

EAST SCHODACK, N. Y.

ENGLAND'S OLDEST FOWLS---RED DORKINGS

These birds the Romans brought to Britain, are the most beautiful of the best table breed. Cocks black-breasted reds of eight pounds; hens black-spangled reds of six. Heavy layers, winter and summer, of white eggs. Cockerels, five dollars up. Sittings of fifteen, first pen, five dollars; second pen, two dollars. Write for new sort of circular to

C. WEYGANDT,

Wissahickon Ave., Mt. Airy,

PHILADELPHIA, PA.

KERLIN EVERGOLD BUFF PLYMOUTH ROCKS

For Sale 300 of the finest we ever raised from our Pittsburg, Philadelphia and Allentown Winners. Choice Breeders ready to ship at \$1.50 and up. Show stock shipped on approval.

KERLIN FARM,

Route 2,

POTTSTOWN, PA.

Tompkins and Scrantons Reds

SINGLE COMBS EXCLUSIVELY

GEO. W. WHITE,

HAMILTON, MD.

MEMBER A. P. A.

ONDAWA FARM WHITE LEGHORNS

Win Prizes and Lay Eggs



Winners of silver cups, sweepstakes, first and special prizes at prominent eastern shows during the last twelve years and known the country over as "the leading strain of heavy layers."

My winnings at the Albany, N. Y., show held January 1st to 5th, 1912, in the strongest class ever brought together at this show were as follows: 1st cock, 1st hen, 1st and 5th cockerel, 2nd and 3rd pullet, 2nd pen old and 4th pen young, also the \$20.00 gold special for best exhibit of S. C. White Leghorns.

The first prize cock at Albany is shown in the accompanying photograph. I have 65 choice breeding or exhibition cockerels and 50 pullets sired by this bird for sale.

Send 10c. for my 54-page, beautifully illustrated catalogue, describing my heavy egg produc-

ing strain and full of valuable information on poultry breeding, such as hatching, feeding, rearing, showing, etc. It gives over thirty photographs and many full page pictures of farms, houses and stock. If you are in the market for stock or eggs write me to-day. I have pleased hundreds, why not you? Address

ONDAWA FARM, Lewis T. McLean,

Box 60,

SHUSHAN, N. Y.

Member of the National Single Comb White Leghorn Club



Hearndale Farm Single Comb White Leghorns

again show their superiority. Four years we have shown at the Great Tri-State Fair, at Memphis, and every time we have won a majority of the blue ribbons. This year we won 1st, 2nd cockerel; 1st, 2nd and 3rd pullet; 1st, 2nd and 4th hen; 2nd and 5th cock, and 4th and 5th pen; Special Gold Legband for the best pullet in the show, all breeds competing. Can furnish A-No.-1 foundation stock and birds to win for you in any company. A few bargains in Indian Runner Ducks, Rhode Island Reds, White, Buff and Black Orpingtons.

HEARNDAL FARM,

Route No. 1, Box 135,

PINE BLUFF, ARK.

W. D. HEARN, Owner.

A. P. RYLAND, Mgr.

ROSE'S ORPINGTONS MAKE GREAT RECORD

The wonderful record made by the Black and Buff Orpingtons of Major Hugh A. Rose, Fonthill, Ontario, Canada, at the greatest American and Canadian shows this year, has been remarkable. Their record of 18 out of 21 firsts at four of the greatest shows on this continent is a unique one, the four shows referred to being Dominion Canadian National Exhibition, New York State Fair, Syracuse, N. Y., Allentown, Pa., and Hagerstown, Md.

At the last Madison Square Garden show, New York, December, 1911, his Black Orpingtons won the Association \$25.00 Gold Special for the best exhibit of Black Orpingtons, and this is without doubt the greatest class of Black Orpingtons ever brought together. The wins made were 1st cock, 1st and 3rd hen, 2, 3 and 6 cockerel, 1 pullet and 2nd pen.

At the Great Canadian National Exhibition at Toronto in September, where his Black Orpingtons won Association Medal for best exhibit, 1st and 5th cock, 1st, 2nd, 3d, 4th hens; 1st, 2d, 4th cockerel; 1st, 2d, 3d, 4th pullet.

At the New York State Fair, Syracuse, N. Y., September 9-13, 1912, he more than duplicated his great record made at this same show the previous year; winning 1st, 2d, 4th cock; 1st, 2d, 4th hen; 1st, 2d, 3d and 5th cockerel; 1st, 2d, 3d, 4th pullet; 1st pen old, and 1st and 3d pen young, and the coveted cup for the best exhibit of Orpingtons of any variety in the show, and carrying with it another \$25.00 Gold Special for best exhibit of Orpingtons any variety.

The Allentown Show, September 24th to 27th, 1912, where in competition with the greatest of Americas breeders, he demonstrated the class of his stock by winning 1st and 5th cock; 1st and 3d hen; 1st and 6th cockerel; 2d and 3d pullet; 1st pen. He also won with his Black Orpington cockerel, "George V," the A. T. Stover Estate Cup for the best Orpington in the show.

The last of his great line of victories was made at the Great Hagerstown show, winning 1st and 2d cock; 2d and 3d hen; 1st and 2d cockerel; 2d and 3d pullet, 1st old pen, 1st young pen, Special for best pen in the entire show, Special for best cockerel in the entire show, and the Hamilton Hotel cup with his cockerel, "George V," the best bird in the show winning this special at this show with over 8,000 entries.

In issuing his catalogue last spring, he stated that he hoped to place his Buff Orpingtons in the enviable position occupied by his Black Orpingtons, and how well he has succeeded, we leave our readers to work out for themselves.

A short run over his wins in Buffs are given below:

Toronto, Canada, 1st cock, 1st hen, 2d and 6th cockerel, 1st and 6th pullet, New York State Fair, Syracuse, 1st cock, 1st hen, 2d and 3d cockerel, 1st, 4th and 5th pullet.

Allentown, Pa., 1st cock, 4th hen, 5th cockerel, 1st pullet.

Hagerstown, Md., 1st cock, 1st hen, 1st cockerel, 1st pullet.

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BY J. H. DREVENSTEDT

The poultry, pigeon and pet stock exhibited at the famous Hagerstown Fair this year, filled the main floor and the galleries completely, no empty pens being noticeable. The total number of specimens was 5921, divided as follows: Poultry 3205 single, and 315 pen entries; Pigeons, 989; rabbits and covies, 222. The water fowl exhibit was the largest ever penned at Hagerstown, there being 599 single entries in ducks and geese and three pens, making a total of 614 specimens. The leading poultry classes were the Leghorns, with 362 specimens; Wyandottes coming next with 322, closely followed by the Plymouth Rocks, with 305 birds in the single and pen classes. Orpingtons mustered out 102 single and 14 pen entries, while the Rhode Island Reds maintained their popularity with 83 single and 6 pen entries, the single combed variety making by far the largest showing.

That the poultry show at Hagerstown Fair is one of the leading features is evident by the great crowd of interested visitors and the hundreds of poultry fanciers that annually attend it. With the largest and finest poultry building in the United States, uniform penning of the birds, liberal classification and royal good treatment accorded to visiting fanciers, the fame of the Hagerstown show has spread everywhere and it is now ranked as one of the classic functions in the poultry world.

The management of the show is first class, Supt. Harry Baker and Secretary Frank Spahr being old and experienced hands at running poultry and pigeon shows. Mr. Little, who had charge of the office work, also deserves unqualified praise for the courteous and able manner in which he looked after the judges. The latter completed their work on the second day of the show, as the judging did not begin until one o'clock of the first day, due to the slow handling of shipments of fowl by the express companies. Exhibitors, not only at Hagerstown, but at several other large shows this year, have complained bitterly over the inexcusable delays in sending birds from their home to the fall fairs. In a number of instances, exhibitors lost the opportunity of competing for the prizes by the non-arrival of their entries in time for the judging.


JUDGES WHO PLACED THE AWARDS

The judges and the classes assigned to them were as follows: G. O. Brown, Brahmans, Cochins, Pet Stock and Supplies; Chas. McClave, Bronze Turkeys, Minorcas, La Fleche, Creve-Coeurs; W. G. Minich, Andalusians,

Games and Game Bantams; Richard Oke, Orpingtons, Rhode Island Reds, Buckeyes, Hamburgs and Houdans; W. B. Atherton, Polish and Polish Bantams, Anconas, American Dominiques; Geo. H. Burgott, Leghorns and Leghorn Bantams; Chas. H. Shayler, Plymouth Rocks; Loring Brown, Red Caps, Spanish, Javas, Langshans, Dorkings and Indian Runner Ducks; Herman A. Hoke, Cornish, Laken-velders, Campines, Faverolles; H. A. Rose, Brahmans, Cochins, Sebright and Rose Comb Bantams, Ornamental Fowl; J. H. Drevenstedt, Wyandottes; John C. Kriner, Turkeys except Bronze, Ducks save Indian Runners, Geese and Ornamental Waterfowl.

WYANDOTTES AND PLYMOUTH ROCKS

Silver Wyandottes are as a rule, always strong classes at this great fall show and this year was no exception, in fact, we believe the pullet class to be the best we have seen here, notably the first prize pullet, a beautifully laced bird, the feathers having large white centers edged with narrow



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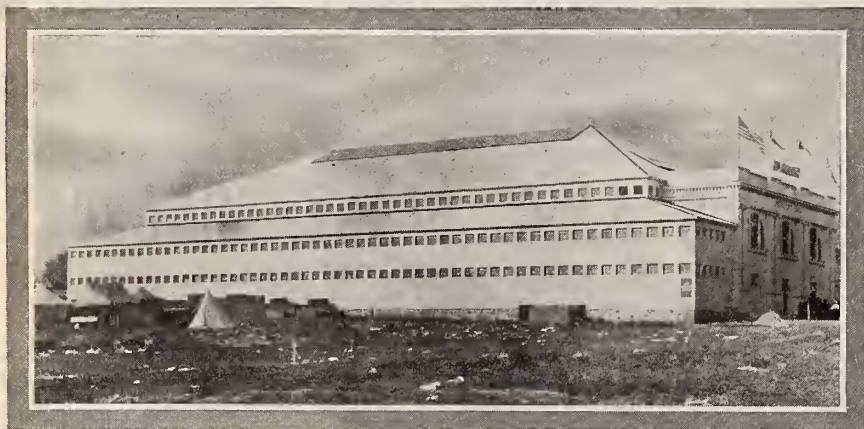
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bands of solid black, in shape also, did this grand pullet excel her competitors. Golden Wyandottes, small classes but of good even quality. White Wyandottes, excellent classes, notably first prize cockerel and pullet, two stars in color, type and head points. Buff Wyandottes, nice classes, showing very even quality in the winners, color points being first rate. Partridge Wyandottes, excellent, a number of old winners being penned in the adult classes. In shape and color the Partridge variety was about the strongest right straight through. Columbian Wyandottes, strong classes, first and second cockerel and first pullet being exceptionally fine in color markings. Silver Penciled Wyandottes, small but good classes. Black Wyandottes, fair classes, the first cockerel

and pullet being the only ones to show good yellow legs, the shanks and feet of the others being almost solid black with but little yellow showing on the bottom of the feet.

ORPINGTONS

While the Orpington classes were comparatively strong in number and exceptionally good in the several classes of the Blacks, Buff and Whites, they did not fill as many pens as the



The new poultry building at the Great Hagerstown Fair. This is said to be the finest and best appointed building of its kind on any fair grounds in America.

great popularity of the breed deserves, the Whites holding up the best in number of entries, although the Buffs are beginning to crowd the Whites for the lead outnumbering the latter in the cockerel and pullet classes. The Blacks were a fine lot, but were third on the list in point of numbers. The Rose Comb Black and White varieties were small classes.

LEGHORNS, MINORCAS, ANCONAS

The popularity of the Leghorn fowl at Hagerstown is well-known, and this year Leghorns led all breeds with 362 specimens, all varieties being well represented, although the Single Combed Whites were far in the lead with 99 single and seven pen entries, the quality being exceedingly fine in several of the classes, notably the first prize White Leghorn pullet, a beautiful specimen of the breed in type, carrying a splendidly spread tail at the proper angle, with a fine head and comb and immaculate white plumage.

Both the S. C. Black and the S. C. White Minorcas were smaller classes than we expected to find, especially the former, which contained only three cockerel and four pullet entries, although the old birds made a much better showing.

Anconas, however, are growing in popularity, the classes this year being well filled, notably the cockerel and pullet classes; Andalusians also made a better showing than in the past, the blue ribbon winners being birds of very good quality, color and lacing

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AMERICAN POULTRY WORLD
BUFFALO, N. Y.

being especially clear and sharp in several of the specimens exhibited. The blue-blooded White Face Black Spanish once upon a time the leaders in the Mediterranean class, were represented by eleven specimens only, and those were owned by the big string exhibitors, who keep the breed for what it earns at the shows in the shape of prize money.

POLISH, FRENCH AND HAMBURGS

W. B. Atherton, manager of the big Boston Show, when he looked over the Polish classes, said it reminded him of the Crested Fowl Club Show at the Hub in the number and quality of the exhibits. 229 Polish make a small poultry show all by themselves, and as many of the crack birds of Canada and the United States were on exhibition, Judge Atherton had his hands full placing the awards in the different classes. Being a veteran in handling Polish classes, his work, as at past shows, satisfied the exhibitors. Houdans were quite well represented with a few Blue Houdans as a novelty. Creve Coeurs and La Fleche, few in number, with several exceptionally fine specimens of both breeds, notably first Creve hen. Hamburgs made their usual strong showing at Hagerstown, the big string exhibitors contributing the greater share to the entries.

CORNISH, CAMPINES AND EXHIBITION GAMES

Both the Dark and White varieties of Cornish were very strongly represented, the quality in several specimens being of the very finest, although some of the old birds were not in the best of condition, not having completed their moult. Yet they showed their class notwithstanding this, even if it escaped the notice of the inexperienced breeder and judge. Cornish are birds of distinctive form and characteristic breed type, where shape is of far greater importance than color.

Exhibition Games, small classes, the Red Pyle showing up the strongest. Campines made considerable headway this year—the number of specimens exhibited being seventy-eight against two in 1911. Considerable improvement is also noticeable in the quality of both the Silver and Golden Campines, it being more evenly distributed. This old Belgian breed is destined to become more popular in the South and as soon as its fine egg laying qualities become better known it should prove a dangerous rival to the popular Leghorn fowl as a layer of white shelled eggs.

ORNAMENTAL AND GAME BANTAMS

The Bantam exhibit would have made George L. Young, secretary of the National Bantam Association, feel satisfied that the little fellows are gaining in popularity by leaps and bounds, especially when 1020 specimens are staged at an October show. Nearly eight hundred Ornamental Bantams is a record that we do not believe has been equalled at any past exhibition, furthermore, in many of the classes the quality was equal to that seen at the winter shows.

TURKEYS, DUCKS AND GEESH

The Turkey classes made a very good showing, although competition was absent or not very strong in all but the Bronze variety, the exhibit in the latter being the largest, with twenty-one birds penned, the quality being very superior, in fact, we have not seen a greater show of Bronze Turkeys in several years. Waterfowls, as we stated in the beginning of this report, made the most remarkable showing in point of numbers and possibly in quality also seen at any fall or winter show in recent years.

Geo. W. Tracey, AMERICAN POULTRY WORLD representative, in his report following, tells who the exhibitors are in the different classes, together with detailed comments on the merits of the respective winners and a brief account of the famous Hagerstown banquet, tendered annually to visiting poultrymen by the Hagerstown Fair Association.

COMMENTS ON THE CLASSES

By Geo. W. Tracey

Asiatics brought out a nice exhibit. Light Brahmas not a large class, but

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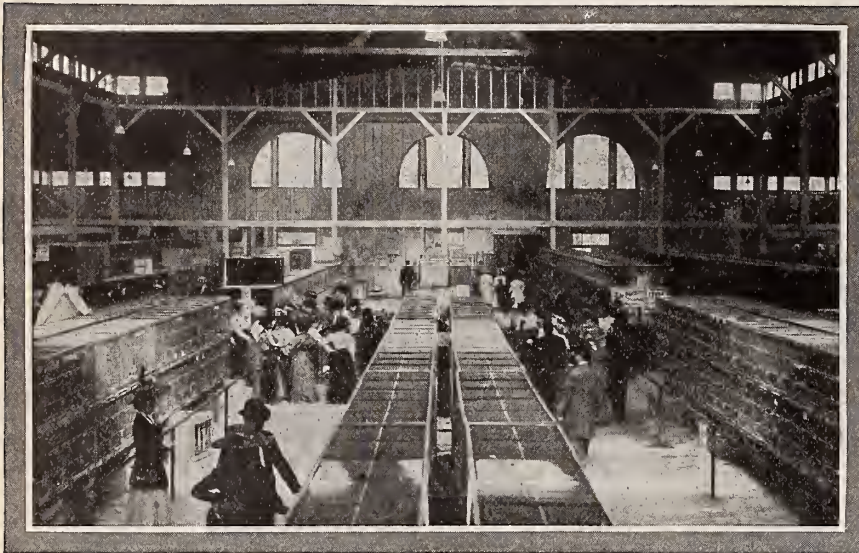
H. V. Crawford, Secretary, Montclair, N. J.

select. Black Langshans were a good class. F. W. Davis of Keyser, West Virginia, won 1st cockerel and 1-2 pullet on three entries in the Light Brahma classes. Mr. Davis is an old breeder of Light Brahmas and has

brought out fine classes, quality considered.

Silver Wyandottes, the best class of the season, 1st pullet a wonder. Whites a good class, 1st pullet the gem of the class. First cockerel also

best efforts on this pen and he succeeded in putting together one of the very best pens of Buff Wyan-



Interior view of the new poultry building at Hagerstown. Attention is directed to the wide aisles, also the guard rails in front of the coops to keep inquisitive visitors from annoying the birds, and to permit the attendant to have an unobstructed passage way during the hours that the building is crowded

made many big wins at prominent shows, he also breeds Light Brahma Bantams and has some nice birds in both varieties for sale.

Barred Rocks were good but not quite up to last year. First hen and 1st pullet were crackerjacks. First cockerel a very nice bird. Buff Rocks brought out the best cockerel of the year in 1st cockerel—he was a wonder. Veirheller Bros., of Pittsburgh, Pa., had some nice birds in and won some ribbons, including 1st pen. Jeffrey and Herve, Raleigh, N. C., made a fine exhibit, winning 1st cockerel, 3-5 hens.

White Rocks were small in numbers but good in quality. First cock and 1st cockerel were good ones. Rockland Farm, Benson, Md., showed a very high-class pen and was awarded 1st.

Partridge Rocks brought out the very best exhibits of this now popular variety that was ever cooped. The winners were truly magnificent birds—1st and 2nd cockerels were wonderful in color and fine in type. Third was a typical Rock in shape, but was a little too dark, but he was a beautiful bird of splendid finish. First pullet was awarded the special for the best Rock female in the show, some credit for Mr. Oscar Poley, her breeder, who also owned 3rd cockerel. It took quality to win over Mr. Poley's birds, as well as the other entries, but the Bird Bros. had it. They showed 30 birds as follows:—4 cocks, winning 1, 2, 4 and 5; 4 hens winning 1, 2, 3 and 5; 8 cockerels winning 1, 2, 4, 5; 4 pullets winning 2, 3, 4; and 1st pen old, 1st pen young. They also showed a great string of Bronze Turkeys, winning cocks, 1-3; hens, 1, 2, 3; cockerels, 1, 2; pullets, 1, 2, 3; and 4th cock was sold by them. Silver Penciled and Columbian Rocks

a peach. Onlya Farm, Florham Park, N. J., won 1st and 2nd pullets, and 1, 3 cockerels on 4 entries. Some class to the Onlya Farm Wyandottes.

Buff Wyandottes, the best ever at Hagerstown. Gerald Williams and his famous Evergolds were very much in evidence. They make a good looking combination as well as being hard to beat. First pen young was a hot one, Mr. Williams putting his

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dottes yet shown and certainly the best ever shown at Hagerstown. Mr. Williams goes back to Ohio with 1st pen young, 4th cock, 1, 3 hen, 2nd cockerel, 1, 2, 3 pullets, something to crow over.

Partridge Wyandottes were a hot class. Sheffield Farms again made one of their usual big wins, winning every first and second. We have noticed the Sheffield strain at the New York State Fair, Allentown Fair and now at Hagerstown. They also were at Brockton where they made the same win as at the other fairs, and this repeated showing and winning is a great recommendation for the wonderful stamina possessed by the Sheffield strain of Partridge Wyandottes.

S. C. R. I. Reds were the best class that has yet appeared at Hagerstown. First cock was a bird of nice shape and bright red surface color. Second was very rich in surface and under color; 5th the best in the class but had lost an eye fighting. First hen was one of the best S. C. Red hens ever shown and we never saw a better shaped one; the 2nd hen's plumage was as fresh and bright as a pullet. First cockerel was a crackerjack bird of dark even surface color of good type and was awarded color and shape special for male as well as special for best Red in show. First pullet was a gem and was awarded both shape and color special for females; good as this pullet was she had to go some as the 2nd, 3rd and 4th pullets were crackerjacks; 3rd and 5th were considered too dark by Judge Oke. First, 2nd and 3rd pens were high-class, 1st pen being the best of the year and came very near winning special for best pen in show. The cockerel in this pen, in our opinion, was the best Red in the show.

The Rose Combs were not quite up to the quality usually found at Hagerstown. M. C. Richardson, Jr., of Front Royal, Virginia, who usually shows a strong string of Rose Combs here, only had on exhibition two fine display pens of old and young. These pens gave one the idea of the class of Reds that Mr. Richardson shows.

B. H. Scranton, who won such a great victory at Chicago last year, and who lives in Rising Sun, Ind., made a grand winning, as follows:—2nd, 5th cocks, 1st, 2nd, 4th hen, 1st, 2nd, 5th cockerels, 3rd, 5th pullets and 1st pen young. Taking it all in all Mr. Scranton's exhibit was a revelation and a source of interesting study to the Red men that constantly crowded the Red alley. Mr. Scranton was always there and good naturedly answered any and all questions asked and showed his birds as often as anybody wanted to see them and incidentally made some nice sales.

L. W. Maxson, Scranton, Pa., won 1st cock, 1st pullet, 3rd hen, and 2nd pen. First pullet was a star and we believe she would win at any show. She also won color and shape special. We look for Mr. Maxson to occupy a very prominent position among the leading eastern breeders of S. C. R. I. Reds.

The Orpingstons were a good class but not up to the exhibits of previous years at Hagerstown. Still there was


a phenomenal bird in the Buff, Black and White classes. First S. C. pullet Buff, 1st S. C. cockerel Black, and 1st S. C. hen in Whites were stars of the first magnitude.

Hugh A. Rose of Fonthill, Ontario, Canada, was the big winner, as follows:—Blacks, cocks, 1, 2; hens, 2, 3; cockerels, 1, 2; pullets, 2, 3; pens old, 1st, and 1st pen young. Among specials he won Challenge Cup for best bird in show, cup for best male in show, special for best cockerel in English classes, also Grand Special for

best pen of fowls in show. His winnings on Buffs were 1st cock, 1st hen, 1st cockerel and 1, 4 pullets.

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were the biggest class in the show and it also contained more quality birds than any other class in the show. It took birds of the highest degree of excellence to win a prize and many birds good enough to win at almost any fair were left out as there was not enough prizes to go around. Of course the exhibit of Dune Alpin Poultry Farm was the sensation of not only the class but of the whole show. Their first prize pullet was conceded by expert judges and breeders that saw her, to be the equal of any Leghorn female ever shown. First cock was a model, while first prize pen had all the Dune Alpin quality. Dune Alpin's complete winnings are: cocks, 1, 4; hens, 1st; 2nd, 4th cockerels; 1st, 2nd, 3rd pullets; 1st pen old and 1st pen young. First pullet won special for best bird in the Mediterranean classes. Their White Orpingtons won first and 3rd hen, 2, 3 cocks and 1st pen.

The R. C. White Leghorns were a strong class. Minorcas a fair class. The Rose Comb Blacks had the best quality. Anconas were a good class. The Polish classes were very strong, by far the best ever shown at Hagerstown. Hamburgs also good. The Dark Cornish was a big and hot class. Ward, the Dark Cornish enthusiast of Pennington, N. J., scored the most wins in this class. Judge Hoke considered Mr. Ward's first prize cockerel a wonderful bird. The Ward birds have the true Cornish type and have shoulders on them like bulldogs. The Dark Cornish people are working for a lower stationed bird. The White Indians were also out in force and good specimens were among the winners. The Campines were a good looking class. The Bantams were formidable classes. They are a little beyond us so we cannot pretend to criticise them, but of this we will say, that the larger the man the more he is likely to breed the diminutive Bantam. The Waterfowl attracted a lot of attention, the Geese being particularly interesting. This was made so by the fact that Mrs. Masten of Pleasant Valley, N. Y., was down with her string of poultry, Ducks, Geese and fruit. Her winnings included 1, 2 White China Gander old; 1, 2 Old Geese; Young White China Gander 1st, 3rd; Young Geese 1, 4. She also won 1st Mallard Duck, 1st Silver Duckwing cockerel, also 1st, 2nd Black Java cockerels. Mrs. Masten is a successful poultrywoman and is a hustler. She informed us that she will have a nice bunch of birds to dispose of at very low prices.

Richland Farms, Frederick, Maryland, made an exhibit in the S. C. White Leghorn classes and won several important prizes. It required the goods to win at Hagerstown this year but Richland Farms are there in that respect. They have a 13,200 egg capacity Candee Incubator and Mr. Rosenburgh of Richland Farms states that it hatches splendid, liveable chickens. The future of Richland Farms is very bright.

The Candee Incubator, in charge of Mr. Wixon, was one of the features of the fair. Mr. Wixon is a great rooster for the Candee, being a breeder himself and having used other mammoths

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CONTAINS valuable information for breeders of any variety. Suitable for amateur and fancier. Articles by best breeders and judges. Color plates of S. C. White Leghorns and Brown Leghorn feathers by F. L. Sewell. 144 pages, 9x12 illustrated. Price \$1.00

The Orpingtons

GIVES origin and description of type of this popular breed. A chapter on the Black, Buff, White and Non-Standard varieties. The Orpingtons in the show room. Prominent breeders' opinion of them and a discussion of the breed as a utility fowl. Edited by J. H. Drevenstedt, Breeder and Judge. 80 pages, 9x12, illustrated. Price \$.75

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he believes he knows which is the best. The machine at Hagerstown was one of their latest improved models.

We noted a large number of Spratt's coops. The birds showed to good advantage in these coops and it is the wish of every exhibitor that the whole show was equipped with Spratt's coops. Spratts also had a display of their goods, including medicines, feeds, etc., which was very gracefully presided over by Mr. Bailey.

Pratt Food Co. also had a nice display of their poultry foods and medicines. Pratt Food Co. is universally known. Their medicines are a staple. They have taken the selling agency for the Queen Incubator, the leading low price machine on the market. This incubator has features that no other hot water incubator possesses, and we predict a great sale for them at the hands of the Pratt Food Co.

The American Foundry Co. of Frederick, Maryland, had a fine display of their "Superior" Poultry Fountain and Feeding Troughs. The Superior Drinking Fountain is made of iron, is easy to clean, cheap, conical in shape, leaving no place for a chicken to roost on. The feeding trough is also easy to clean; the top which keeps the chickens and fowls from scratching out the feed or mash is lifted out and there are no corners in the trough which one can not clean with ease. The troughs are heavy, are of cast iron and will last a lifetime. The exhibit was in charge of Mr. E. H. Sharp, an accomplished poultryman and breeder of fancy utility poultry. We ask our readers to investigate these modern poultry accessories and instruct your dealer to keep them in stock.

Aug. D. Arnold of Dillsburgh, Pa., spent a day at the show and attended the banquet. Mr. Arnold is very enthusiastic over the Silver Campines and he will have over 300 females to sell eggs from the coming season.

John Poley, manager of Linfield Poultry Farm, Linfield, Pa., also attended the banquet. Mr. Poley told us that they have the best flock of Buff Rocks that he ever raised and they have already made a number of sales of high-class show cockerels and pullets. We are glad to hear this as Mr. Myers, the owner of Linfield Poultry Farm, is a thorough fancier and is doing a lot for the cause of the Buff Rocks.

Mr. Frank Hopper, proprietor of the Highland Farm, R. F. D., York, Pa., took a run down to look over the Hagerstown show. He had made a number of sales for the show and he thought he would like to see for himself how they made out and as he looked satisfied we have no fears for the results. Highland quality is Mr. Hopper's trade mark as applied to the merits of the White Plymouth Rocks, Barred Plymouth Rocks, S. C. White Leghorns and Silver Campines that are bred upon Highland Farm.

The banquet was a real pleasant affair. Geo. O. Brown was given his customary place at the head of the ladies' table. Major Scott made his customary good speech. Mr. De Lancy, the Patrick Henry of the Poultry Press, delivered a "Panegyric" which

is to be placed over the graves of departed stringmen. Even Mr. Minich shed a tear over the prospect of a stringman ever departing. Chas. McClave told of how unprofitable it was to be a legislator out in Ohio. Loring Brown gave an interesting recital of conductors as they are in the south and told how easy it was to go down south and win prizes and sell chickens or else exchange them for automobiles. Editor Cornman very gravely told us northerners not to take too

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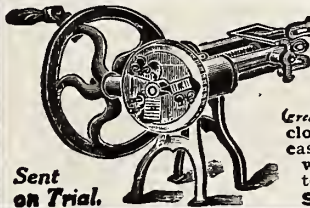
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THE FEATHERED WORLD YEAR BOOK, 1912

A veritable encyclopedia on poultry and pigeons; 704 pages with four colored plates and about 150 photographs of the great prize winning birds of the past show season. The 1913 edition ready about January 15 next. The price will be the same.

Ideal-Hover

Pick it up and carry anyplace with lamp lit, comes nearest to natural conditions of any thing yet, hoods chicks just like the hen, the greatest Colony House Hover ever invented, no lamp box to fasten to outside, no holes to cut, no false floors. HEATER: Our hot air duplex or double drum heater will produce 15 per cent more heat than the single drum heater used in all of the first class Hovers, making it the best Hover for winter use on the market. AUTOMATIC LAMP: Our lamp will never smoke, oil always remains cool as oil fount is on the outside, feeding the oil to the wick just as needed, and only enough to keep it covered, lamp flame always in plain view. Dr. John M. Zook Jr., W. Chester, Pa. says: It beats them all for handiness, safeness and the small amount of oil it consumes. Wilson Jones, Girard, Pa. says: The two Ideal Hovers are proving themselves splendid chick raisers, raising every chick, find check inclosed for 5 more. Gilbert J. Mitchell, Kingfisher, Okla. says: The Hover is perfectly satisfactory, please find check inclosed for 5 more. The Ideal Hover is all metal but the double curtain, the top being double with Asbestos packing, 24 inches in diameter, capacity 100 chicks. GUARANTEE: We guarantee the Ideal Hover to successfully brood 100 chicks as long as they need heat, and to give perfect satisfaction in every way or we will return the money. PRICE: Complete with thermometer \$5.50 freight paid on two or more east of the Rockies. \$6.75 west of Rockies freight paid on three or more. Upon receipt of \$1.00 we will ship by express C. O. D. to be examined and allow freight on two or more. Circular showing five views of the Ideal, also testimonials of pleased customers, and Poultry supplies we Manufacture and sell, FREE if you mention this paper.

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much stock in what Mr. Brown had said concerning the innocence of our southern poultry fanciers as he had been down south and he put us wise to the fact that it took crackerjack birds to win down there. Mr. Nevius gave a stirring recital of how he astounded the natives 60 years ago by showing a Black Langshan cockerel that eat off the head of a hoghead. Mr. Rose expressed his keen delight over the great pleasure it gave him to come down from Canada and carry off the bulk of the prizes in the classes that his birds competed in. Mr. Atherton again told of how Scotty Bowers betrayed him the first time he came to Hagerstown, and Scotty Bowers again told how they put a job up on him. Judge Ewald told of how it elevated him trying to catch Pigeons. But the saddest blow of all was when the toastmaster announced, after listening to several long speeches, that all would be limited to five minute talk, and each speaker afterwards used up his five minutes in trying to explain how inadequate the time was to do justice to such an important occasion, but in spite of the speeches the banquet was thoroughly enjoyed as the supper was served in splendid style and was cooked to order.

There was quite a number of ladies present and it was a real pleasure to have them with us, and in this respect other banquet givers should copy from the restrictions placed upon the speakers by the managers of the Poultry Show of the Great Hagerstown Fair.

NEWTOWN MAMMOTH PRODUCE RESULTS

Roy McVaugh left the "sunny clime" of New Jersey, to take up his abode in the historic old town of Kinderhook, N. Y. He was a school teacher who pined for the freedom of the farmer's life, being especially interested in poultry. His fancy ran to White Leghorns of the S. C. variety. Mr. McVaugh wishing to raise some early chickens was in somewhat of a quandary as to how to do it. His Leghorns did not set, his neighbors had no hens that were broody, and there was no Mammoth machine that did custom hatching in the vicinity, but he had a brother in the great state of New Jersey who has a Newtown Giant Mammoth Incubator, so he sent him 200 eggs to hatch for him, with the result that out of 200 eggs shipped 240 miles, he received back 140 strong chickens. These chicks living up to the reputation of the Newtown Giant Mammoth hatched chicks, grew and thrived, with the result that on the first day of June Mr. McVaugh furnished his local butcher with some juicy, plumb cockerel broilers, while his neighbors were being supplied with eggs laid by the pullets during the month of August. Mr. McVaugh was especially fortunate in having access to a Mammoth machine that has a reputation for hatching chicks that live. His neighbors unfortunately trusted to their own hens or incubators and got left. They hatched no chicks, they had no broilers to sell, no eggs to eat. The moral of this little tale is—study the possibilities of custom hatching, reflect upon the lesson taught by Mr. McVaugh's experience and drop a postal for catalogues and all information to the Manufacturers of the Newtown "Giant" Incubator, viz: the Newtown Producing Company, Newtown, Pa., U. S. A. G. W. T.

POULTRYMAN'S WORKING KIT

J. W. Scott of the J. W. Scott Hardware Co., 37 Warren St., New York City, is a very observing man. The nature of his business brought him upon several poultry farms. He noticed on these visits that the workmen at these places were handicapped by lack of tools. This set him to thinking with the result that he hit upon the idea of putting up what he styles a Poultryman's Working Kit. This Kit consists of a 24-inch cross cut handsaw, 8-inch sweep brace and bit, 1 claw adze eye hammer, tinners shears, 2½-inch cut, gimlet bit for brace, No. 4 side cutting 5-inch pliers, screw driver for brace, alligator thread cutting wrench, 1, ¾, ½, ¼, ⅜ and ½-inch auger bits, polished steel square 12 by 8 inches, 16-inch Jack plane with 2-inch cutter and other practical tools. These are all packed in a neat wooden case with hinges, clasps and screws, making a complete tool chest. The way to make money is to save money, and this you can do by doing most of your own carpenter work upon your poultry farm. With good tools you can do a good deal and with the Poultryman's Working Kit you have every tool required. Whether you put on a tin roof, or build a colony house, chicken coop, in fact if you have the proper tools you can save the high wages that carpenters exact nowadays. To introduce the Workingman's Kit, Mr. Scott has made the entire tool chest and tools \$4.85. They are a reliable firm and all orders will have Mr. Scott's personal attention. Address J. W. Scott Hardware Co., 37 Warren St., New York, N. Y. G. W. T.

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You have heard about the Illinois State Show which is held in Springfield, Ill., January 6-11, 1913, whether you have ever exhibited there or not. Our recent show was such a success that the news went all over the country, every breeder that exhibited there and was fortunate enough to win, found the advertising value of this show unsurpassed. You, of course, would like to know what this show is going to do this year. Good premiums are offered, silver cups, beautiful ribbons, a display and championship class and gold leg bands for the best bird. Your exhibit will be in the largest and best looking hall in the state, nothing but Empire coops will be used, your birds will be taken care of by experts, and nothing will be left undone, so as to make this show a most pleasant and profitable one for you.

The question has been settled long ago, the Illinois State Show is the most beautiful and best kept show room in the world, the biggest breeders of the country exhibit there every year, their birds are of the highest quality and is it any wonder this show has a national reputation.

The officers of this show are all business men, and breeders that are successful, they know what to expect when they exhibit and they give the same in return, but remember no officer of this show will be allowed to exhibit.

Make up your mind to exhibit with us, write T. S. McCoy, Sec., Springfield, Ill., for premium list and then send your birds. W. O. Chase, Press Committee, Hillsboro, Ill.



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QUESTIONS AND ANSWERS

EDITORIAL NOTE—This department will be devoted to answers to questions of general interest on practical poultry topics asked by subscribers and addressed to Editorial Department, AMERICAN POULTRY PUBLISHING COMPANY, Stafford Bldg., Buffalo, N. Y. Answers in this department are free of charge. Where two or more persons ask substantially the same questions, only one answer will be given. In asking questions try to send full information. The subscriber's name and address must be given [not for publication]. If a reply by mail is desired, be sure to enclose stamped addressed envelope.

HENS STOP LAYING

Q. I want to ask for information. I have secured about 25 hens in order to get eggs for my own table use. Have a small place for them in my back yard and all at once they have stopped laying and I can't account for it, unless it is from feeding turnip greens. I have sown turnips to get the greens through the winter months for them. Is this likely to stop them from laying? I also notice in a back number of A. P. W. an article written by Geo. W. Tracey on the Philo System of raising chickens. What is the Philo System? I have but very little experience in raising chickens, but I am very desirous of learning enough to raise my own supply anyway, and I have a small place to do it in the city. Any information you would give me will be greatly appreciated. J. W. H., North Carolina.

A. I hardly think the turnip greens responsible for your failure to secure eggs at this season, but would attribute it to some other cause. As you do not give your methods of feeding it is impossible to tell if the fault lies with the ration. You should be more explicit when asking for advice.

Regarding the "Philo System" mentioned by Mr. Tracey, I would refer you to the advertising columns of this issue for information concerning the same.

HAS POOR EGG YIELD

Q. I have a flock of 16 S. C. R. I. Reds in one house 16x12. Hatched 13th of April, splendid looking birds but no eggs. I feed 2½ quarts grain a day, cracked corn, wheat, oats, equal parts, and a dry mash before them all the time, three parts bran, one cornmeal, one meat scrap. Plenty of grit and green stuff, mostly cabbage. I have no trouble in raising fine healthy chickens but I have poor egg yield in winter. There must be some cause. I think it is in the feeding. I have about three inches of loam, sand, leaves and straw for litter to scratch in and plenty of ventilation from the south side. I winter about fifty, but the other lot are later chickens and looking just as near laying as the first lot. Please advise me if my method of feeding needs a little improvement. H. H., Vt.

A. Your method of feeding will stand some improvement. Your grain ration is excellent, but you are too generous with it, especially so when the birds have free access to the dry

mash at all times. I would feed these sixteen hens a scant pint of grain in deep litter in the morning and allow them a medium sized handful each for the evening feed. They are fed so well that they have no incentive for exercise, and you cannot get eggs without plenty of exercise. Next to good feed it is one of the most important essentials to success. Your mash is good as far as it goes, but does not contain variety enough. I would much prefer one of the prepared mashes such as are advertised in these columns.

STILL ANOTHER

Q. I have about 30 pure bred White Orpingtons, but they do not lay. Their daily supply consists of the following: A. M.—Scratch food, small handful for each bird. Noon—Table scraps, potatoes, meat, clover and grass. Night—Scratch food, same as A. M. food. Have fresh drinking water convenient, charcoal, grit, oyster shells handy, beef scraps and dry O. H. mash before them all the time and give them hot corn or Indian meal with red pepper twice a week, and still no eggs. Their coop is dry, with cement floor with four inches sand, coop is raised eighteen inches from ground, well ventilated and cleaned every day, have not as yet penned them up. They have a run of 20 feet by 80 feet. They do seem to be a trifle lazy in the afternoon, but scratch the whole morning

until after 2 P. M. Then hang around the gate for their evening food. In appearance they are extra ordinary white and well shaped and very tame, can pick most any one up without much effort. C. T. W., L. I.

A. I am inclined to believe that your hens do not get sufficient exercise. I would advise that you supply a deep litter and feed all grain in it.

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CONKEY would like to hear from poultry raisers everywhere who dread loss from ROUP. Your money back if Conkey's Roup Remedy EVER fails you. Many breeders use it as a PREVENTIVE. Price 50c and \$1.00. All dealers or sent direct. Get this NOW. Send for complete list of Conkey Remedies. If you enclose 4 cents in stamps we will mail you 80-Page POULTRY BOOK free.

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"Send six dozen boxes at once."—J. C. Fishel & Son, Hope, Ind.

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"I have tried about all ROUP cures but find none of them of much value but yours, and it is truly a ROUP cure."—T. N. Davis, wholesale grocer, Topeka, Kans.

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is a "wonder working" poultry remedy. It cures Cholera, Roup, White Diarrhoea and Canker in its worst form; increases egg yield 20 per cent.; grows the finest chickens you ever saw; lessens your poultry trouble 50 per cent. So confident are we of the merits of "Oculum," that we believe any honest poultry raiser will pay us "when he knows it does the work." At your dealers or if you prefer cut out this ad. today and send us and we will trust you to do right by us.

THE HANCOCK INOCULATUM CO., Inc.,

Box Q.

SALEM, VIRGINIA

Please send me a 50c-\$1.00 bottle of "Oculum". I will test it fifteen days; if satisfied will pay you; if not will return what I have not used.

Name Address

Mr. Jones, Cugley and Mullen's standby, says that Whiting's

ROUPENE is a SURE CURE for Roup

He knows, for he cured 17 bad cases for a friend after all other remedies failed. Sick birds can be treated without isolation. Read what Geo. W. Tracey says about it in October issue of A. P. W. 50 cents a bottle postpaid. Money back if not satisfied. Write for testimonials. Address

W. M. Whiting Co., 17 Ashland Ave., East Orange, N. J.

Your method of feeding seems very good, the only thing not approved of is the feeding of the warm corn meal and red pepper. This is a bad practice and is sure to work to the detriment of best results. This should be discontinued at once. You might also reduce the quantity of food until the laziness that is apparent afternoons disappears, and your fowls become active and happy, and work contentedly all day long looking for extra morsels of food.

CHICKENS GET LAME AND DIE

Q. I have a quantity of good stock and would like to know the cause of their getting lame after which they droop and die. What can I do to prevent it? H. B., Maryland.

A. Very sorry that I cannot advise you, but the description of your trouble is altogether too brief. In asking questions of this kind you should state the conditions under which they are kept, how fed, etc. Try again.

RATIONS FOR BLACK MINORCAS

Q. Will you kindly give me through AMERICAN POULTRY WORLD a full ration and how to feed S. C. Black Minorcas breeders. Kept in confined runs and housed in an open air house. I use sprouted oats for green food? E. A. M., Ohio.

A. There are some excellent and reliable rations advertised in these columns both grain and mash mixtures, and if you are forced to buy your feed this would probably be the better form to secure it in as you are afforded a greater variety than if you mixed it yourself. For breeding birds the dry mash system has much in its favor and I would advise that you give it a trial. As to the grain portion of the ration this should be fed in deep litter so as to force the birds to work for it, thus giving them plenty of exercise. In the morning scatter about a pint of grain for twelve or fifteen head and in the evening allow a generous handful for

each bird. For a full description of how the green food should be fed will refer you to the reading columns of this issue and direct your attention to the short articles under the heading "Short Articles of Timely Interest," where the subject is treated with more detail than would be possible with the space at disposal in this department.

LAYERS OF WHITE EGGS

Q. Will you kindly advise me the names or varieties of fowls that lay white eggs? W. L., Iowa.

A. The following breeds with their sub-varieties lay white eggs: Leghorns, Minorcas, Andalusians, Hamburgs, Polish, Black Spanish, Houdans and Red Caps. It is also claimed that the Red Dorking lays a white shelled egg.

VARIOUS QUESTIONS

Q. At what age will hens begin to lay?

A. This depends to a great extent upon breed or variety, also the manner in which they have been cared for up to the time they reach the laying age. To give you a general reply, I would say Leghorns, Minorcas, Hamburgs at 5 months. Plymouth Rocks, Wyandottes, Rhode Island Reds, Orping-

tons 6 months. Brahmas, Cochins, Langshans 7 to 8 months. It is implied that they have had the proper care up to that age.

Q. How many eggs a day will one thousand hens lay?

A. Taking it for granted that they were well cared for and supplied with



Chick raising IS NOT a matter of Luck

So many chicks die early that most poultry raisers think healthy chicks just a matter of luck. But it's largely a matter of feed.

Don't feed little chicks raw grain.

To raise the largest per cent of your next brood, try

H-O Steam-Cooked Chick Feed

which is a carefully prepared mixture of Corn, Cut-Oat-meal, Cracked Wheat, Kafir Corn, Peas and Millet—steam-cooked by a special process in our mill.

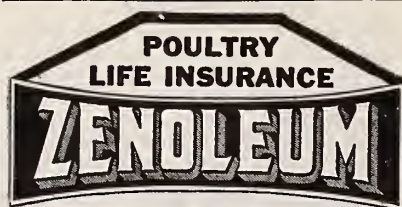
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If you cannot get H-O Steam-Cooked Chick Feed from your dealer, write for sample and prices.

JOHN J. CAMPBELL

General Sales Agent HARTFORD, CONN.

The H-O Company Mills, Buffalo, N. Y.



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DISINFECTS the Hen House, Brooder and Incubator. CURES Roup, Scaleg Leg, Canker, Cholera, etc. PREVENTS White Diarrhoea.

Sold by most live Dealers. Ask your Druggist, Poultry Supply Man, Hardware or Feed Store.

Great Book, "CHICKEN CHAT," Free if you ask for it.

THE ZENNER DISINFECTANT CO.

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aims to be, and is the most interesting and best illustrated poultry journal published. No other poultry magazine furnishes the amount and quality of reading matter that so helps the amateur and professional poultry keeper. It brings "the news," and dependable information to every class of poultry keepers. It is pre-eminently America's leading poultry publication. Price 50 cents per year.

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The best known poultry magazine of this country, Grant M. Curtis, Editor, is "in a Class by Itself." Each number contains 86 to 224 pages, and is filled with instructive articles by the successful money-making breeders of this and other countries. Illustrated by F. L. Sewell and L. W. Burgess. Price 50 cents per year.

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one of the best known and most widely read of all Poultry Journals. C. C. DePay, Syracuse, N. Y., is editor and publisher, is devoted to the interest of both fanciers and practical poultrymen. It is authoritative and helpful in all branches of poultry work, from the hatching and rearing of chicks to the maturing of fowls for show room and market. Subscription price, 50 cents per year.

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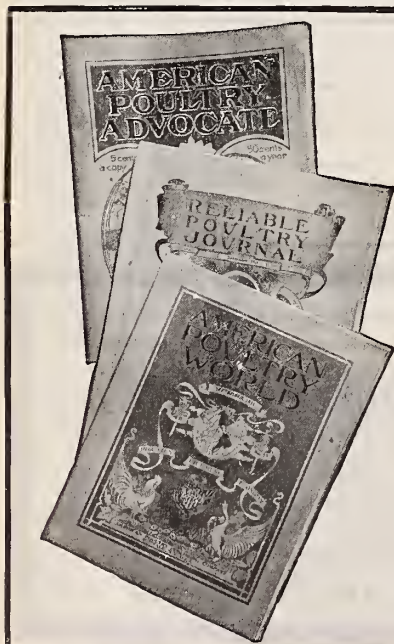
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BUFFALO, N. Y.



the proper feed, they should lay from two hundred to six hundred eggs per day, depending upon the season of the year. This is of course exclusive of the moulting period.

Q. How long will a hen continue to lay?

A. A hen might continue to lay indifferently for a number of years depending upon conditions with which she was surrounded, but it is the consensus of opinion among poultry raisers that it is not profitable to keep a hen for laying purposes after her second year.

Q. Broom corn has a grain that seems to me to be very good feed for chickens. Will it make a good substitute for corn and wheat?

A. The grain from broom corn may have some virtue as a poultry feed, but it will not take the place of corn or wheat. The only way I would advise its use is to add a small quantity to the regular grain ration by way of variety.

Q. What kind of a machine can be had for grinding up vegetables for poultry?

A. Any incubator concern or poultry supply house can furnish a machine for this purpose. Ask them for literature.

Q. Which is the best way to market poultry, dressed or alive? S. N. C., New York.

A. This will depend to a great degree upon the demands of your market. In some localities it is advantageous to market all poultry alive, while in others, better returns are secured by marketing all poultry dressed. Study your market and learn the demands. This is the better way of securing this information

GROVE HILL BARRED PLYMOUTH ROCKS AND BROWN LEGHORNS

Established in the Centennial year, Grove Hill Poultry Yards, located at Waltham, Mass., have built up a most enviable reputation as breeders of Barred Plymouth Rocks and Single Comb Brown Leghorns. The proprietor, William Ellery Bright, one of New England's most prominent poultry fanciers, has spared neither labor or expense to produce the best birds that intelligent and careful selection of breeding stock will accomplish when conducted as systematically as at Grove Hill. The great record made by Grove Hill Barred Rocks and Brown Leghorns at America's leading shows in the past twenty-five years is a matter of history.

Manager F. G. Cook informs us that the crop of chickens this year is unusually fine, and that Grove Hill has been fortunate in securing more than the usual amount of early birds and securing a splendid growth on the chickens.

The Barred Plymouth Rock cockerels are exceedingly fine in quality this season with no wasters, but many that will bring good prices. Equally good are the pullets, the rapid strides toward perfection made in the past few years putting them on a plane where they can compete in quality and quantity with any and all produced by other breeders.

Single Comb Brown Leghorns have also turned out remarkably well this season, the cockerels being grand in head points, with clear wide striping in the hackle and saddle feathers and fine in carriage and symmetry. The pullets also show their high class in type and color markings. Grove Hill Poultry Yards are able to take care of the large trade they receive each year, as they always have the high grade stock that an exacting patronage demands.

CLASSIFIED ADS.

RATES:—Classified advertisements will be inserted in this department of AMERICAN POULTRY WORLD at 5 cents a word per month for one or two months, or at 4 cents a word per month for three or more months. Change of copy allowed quarterly without extra cost. No order accepted for less than 50 cents for each insertion. Numbers, initials and abbreviations count as words. No display allowed other than initial word or name.

TERMS:—Cash with order and copy of advertisement. Positively no exceptions to this rule. Please count the words correctly to avoid delay in publishing. Write copy of your advertisement plainly to insure its appearing correctly. Copy must reach AMERICAN POULTRY WORLD office by 18th of the month preceding date of issue.

AMERICAN POULTRY WORLD is furnished every classified advertiser without charge during the time his advertisement appears in these columns.

We guarantee to publish an average monthly circulation of 45,000 copies during the year ending with April, 1913.

"BECOME IDENTIFIED WITH A WINNER."

ANCONAS

SHEPPARD'S FAMOUS ANCONAS. The world's best. Single or Rose Comb. First at world's greatest shows, including London, England, Madison Square and Cleveland. Greatest egg record—256 average. Catalogue Free. Cecil Sheppard, Box X, Berea, Ohio. President Ancona Club. 7-2-3

S. C. ANCONAS AND SILKIES.—First prize winners and special at big Chatham Fair. Stock and eggs for sale. Lee Roy Conklin, P. O. Box 256, Philmont, N. Y. 1-12-2

SINGLE COMB, some fine birds for sale, in young and old breeders, both males and females, correct type, color, comb and size. Orders booked now for hatching eggs for early spring delivery. Geo. C. Schwegman, Richmond, Ind. 3-2-3

BANTAMS

The **PAINÉ STRAIN OF BLACK COCHIN** and **LIGHT BRAHMA BANTAMS** have won highest honors at America's largest shows. Try them and Win too. A. I. Paine, Whitman, Mass. tf

BANTAMS: Fancy, Classy Stock. Send 2 cent stamp for Circular. A. A. Fenn, Box 44, Delavan, Wisc. 6-12-12

LIGHT BRAHMA BANTAMS. J. Hart Welch, Box W., Douglaston, Long Island, N. Y. 6-3-3

BANTAM SPECIALIST. Buff, Black, Partridge Cochins and Light Brahmas. I ship on approval—Circular Free. Geo. C. Salmon, Port Dickinson, N. Y. tf

RARE BARGAINS.—Golden and Silver Sebright, Buff, Black, White and Partridge Cochins, Rose Comb Black, Red Pyle and Black Red Game Bantams, 1000 Birds. Proper & Son, Schoharie, N. Y. 12-7-13

GRAND GAME BANTAMS for immediate disposal. Must be sold. Prices reasonable. W. H. Congdon, Oak Lawn, R. I. 3-1-3

BANTAMS—"Classy" Red Pyles, bred from best imported and home bred birds. Also Black Cochins Bants. Usually have a choice few to spare. Eggs in season. "Zim," Gloversville, N. Y. 3-2-3

WHITE COCHIN BANTAMS—Circular free. W. R. Hobbie, 532 Court, Kankakee, Ill. tf

High Class Exhibition **BANTAMS.** All Standard varieties shipped on approval. Catalog 2c. F. C. Wilbert, Grand Rapids, Mich. 1-12-2

ROSE COMBS BLACK BANTAMS, show birds for sale. Evalena Witbeck, Burnt Hills, N. Y. 3-2-3

SILVER & GOLDEN SEABRIGHTS, imported and domestic, good birds cheap. M. K. Miller, Pottstown, Pa. 1-12-2

BRAHMAS

LIGHT BRAHMAS. Ours win and lay. S. S. Newton, Ballston Spa, N. Y. 3-2-3

BUCKEYES

NEARLY ALL MY PULLETS ARE LAYING. Are yours? Breeding Buckeyes pays at all seasons. Hundreds for sale. Send for free catalogue. A. H. Welsberg, Nevada, Mo. 3-1-3

BUTTERCUPS

SICILIAN BUTTERCUPS.—Select trios \$15.00 to \$20.00. Cockerels \$3.00 to \$5.00 each. Now booking orders for eggs and day old chicks. C. W. Park, Mapledale Egg Farm, Erin, N. Y. 1-12-2

BUTTERCUP COCKERELS, 5 dollars each. Eggs for hatching January 1. Fred Fenn, R. D. No. 3, Torrington, Conn. 3-1-3

CAMPINES

CAMPINES.—For Kennedy's Improved Champion Strain see advertisement on inside front cover. tf

SILVER AND GOLDEN CAMPINES. Silver and Gold Penciled Hamburgs. Stock for sale. Some Madison Square Garden winners. Eggs for hatching in season. D. W. Pfautz, Box 262, Littitz, Pa. 3-2-3

DORKINGS

SILVER GREY DORKINGS. To make room, I am compelled to sell all this year's breeders. Fine chance if taken at once. M. R. Jacobus, Box No. 3, W. Ridgefield, N. J. tf

DUCKS

Will sell **500 CHOICE PEKIN DUCKS** \$1.00 each during August and September. Order early. James W. Houck, Tiffin, Ohio. tf

Cook's American Standard **FAWN AND WHITES.** The oldest large white egg strain. Cook is an Indian Runner expert and furnishes the quality to win anywhere. Exhibition, breeding and utility stock. Circular. Irving E. Cook, Munnsville, N. Y. 6-2-3

WHITE RUNNERS.—Good breeding, good carriage, moderate price. Kittie Mulcahy, Clyde, N. Y. 3-12-2

INDIAN RUNNER DUCKS of best white egg strain, well marked, for sale. C. T. West, Quakertown, Pa., R. D. No. 2. 1-12-2

WHITE RUNNER AND BUFF ORPINGTON DUCKS. Prize winners. Correct type and marking. Rahn & Son, Clarinda, Iowa. 1-12-2

ENGLISH PENCILED INDIAN RUNNERS, from importations of Mrs. Brooks' Drakes from Walton's Cumberland and new native Indian stock. Mrs. Harry Briggs, Honeoye, N. Y. 1-12-2

ANOTHER SOLUTION OF BOWEL TROUBLES IN NEWLY HATCHED CHICKS BY WM. H. JONES

One of the most serious problems that has confronted the poultry raiser for a good many years is the frequent development of bowel troubles in the newly hatched chick, and while it has occasionally been traced to heredity, it has been proved beyond question that 95 times out of a hundred such troubles have resulted from some natural condition that existed in either the hatching device or the brooder.

We all know that sudden changes in the temperature of a brooder will produce bowel troubles, and as a result of that knowledge much attention has been paid to the construction of brooders with a view to preventing such changes in temperature that might prove harmful, but most of us have overlooked the fact that unless those same sudden changes are guarded against before the chicks enter the brooder, all our efforts to prevent those fatal bowel troubles will go for naught.

I have before me a copy of the 1913 catalog of the Buckeye Incubator Co., in which they claim that fully 90 per cent. of the bowel troubles in newly hatched chicks are caused by the sudden change of temperature to which the chicks are subjected right in the incubator, when they drop from the egg tray into the nursery.

This argument appears to me to be thoroughly sound and logical because we all know that a chill right at hatching time must be detrimental to some degree at least, and even though it may not be fatal, it must reduce the vitality and leave the chicks in a weakened condition.

I have noticed during the past few years that a number of incubator manufacturers have been so constructing their egg trays that the chicks may be confined there without dropping into the nursery, and I am inclined to the belief that the nursery has only been continued because it was customary to put it there, and I, for one, am glad to see the Buckeye Incubator Co. make a move in the right direction, for I am convinced that it will only be a short time until the nursery, as we know it, will be a thing of the past.

I believe this subject to be worthy of the serious consideration of every poultryman and would suggest that every reader of this article send to the Buckeye Incubator Co., 527 W. Euclid Ave., Springfield, Ohio, for their catalog and at least read their argument on this most important subject.

SHOW AT WATERLOO, IOWA

The Waterloo and Cedar Falls Poultry Association will hold their sixth annual show in Waterloo, Iowa, December 30, 1912 to January 4, 1913. The Mid-west Branch of the National S. C. Buff Orpington Club will hold their meeting in connection with this show. B. E. McLean, Sec.

VERMONT STATE POULTRY ASSOCIATION

The sixteenth exhibition of the Vermont State Poultry Association will be held at St. Albans, Vermont, on the 14-17 of January, 1913. The judges will be H. B. May and D. P. Shove. Thirty silver cups and valuable cash specials will be awarded.

THE SCHENECTADY FANCIERS' ASSOCIATION

Our association has joined the A. P. A. and we are planning on holding the finest show ever held in this section. Our premium list is now ready for mailing and contains cash specials and silver cups amounting to over \$800.

The judges have been selected for their known ability to handle the varieties to be assigned to them and the following well known are included: C. H. Shaylor, W. R. Graves, Robert Seaman, C. E. Rockenstyre and F. W. Otte. The show will be under the efficient management of Frank Sutliff, Johnstown, N. Y., as superintendent.

There will be a cat show held in connection with this exhibition and it promises to be a hummer. For further information address H. J. Fuller, Schenectady, N. Y.

FAVEROLLES

CHAMPION WHITE and SALMON FAVEROLLES. Won highest honors at best English shows. Trios from 20 to 50 dollars. Enquiries solicited. Betts Goostrey, Cheshire, England. 2-12-2

GEES

FOR SALE—Mammoth Toulouse Geese. On account of failing health will close out my entire flock at greatly reduced prices. Address Mrs. W. T. Long, R. No. 5, Urbana, Ohio. 3-2-3

HAMBURGS

SILVER SPANGLED HAMBURGS—won 1st and 2nd all Fall. Great laying strain. Cocks, cockerels and hens for sale, reasonable. Raymond Heald, West Chester, Pa. 3-1-3

HOUDANS

FOR SALE—Few HOUDAN cockerels, McAvoy Strain, \$5.00 each. W. B. Merrill, Star Route, East Liverpool, Ohio. 1-12-2

LEGHORNS—Black

BLACK LEGHORNS For sale—Prize winners and utility stock. Write me. Tom Breed, Cincinnati, N. Y. 3-12-2

LEGHORNS—BROWN

LAMSON'S ROSE COMB BROWN LEGHORNS are bred to lay. Baby chicks from layers. \$15-hundred. Winners Madison Square and leading shows. Eggs for hatching. Circular. H. S. Lamson, Box C, Cameron, N. Y. tf

S. C. BROWN LEGHORNS. Cockerels and pullets that can win in any company. Also the best of breeders. Write your wants. Chas. O. Miers, 670 S. Main St., Bangor, Pa. 3-1-3

ROSE COMB BROWN LEGHORNS fit to win. Our 12 years' continuously breeding and exhibiting Leghorns helps us, and we can help you. Trios, pens or singles at honest prices. W. T. Liddell & Son, Greenwich, N. Y. 3-2-3

COCKEREL LINE, SINGLE COMB BROWN LEGHORNS, Boston, 1911, five firsts, best display; Madison Square, 1910-11, four firsts, best display. Cockerels three to five dollars. B. W. Hubbard, 49 Lafayette St., New Haven, Conn. 3-2-3

LEGHORNS—BUFF

SINGLE COMB, some grand birds for sale, in young and old breeders, both males and females. Perfect in color, type, size and comb, grand egg producers. Orders booked now for hatching eggs, for early spring delivery. Geo. C. Schwegman, Richmond, Ind. 3-2-3

LEGHORNS—SILVER

SILVER LEGHORNS a specialty. 10 years a breeder of this beautiful variety. Circular free. Sylvester Shirley, Port Clinton, Ohio. 12-1-3

LEGHORNS—WHITE

WYCKOFF-BLANCHARD S. C. W. LEGHORNS. Furnished foundation stock for Corning plant, Bound Brook, N. J. Can furnish any number highest grade breeding or laying stock in America. Hens, Pullets, Males or Show birds, guaranteed. Twenty years with these strains. Chicks and eggs great specialties. C. N. Reynolds, Canton, Pa. 3-12-1

EGGS FOR HATCHING FROM THE BEST LAYING STRAIN of prize winning S. C. W. Leghorns and White Rocks. Birds large in size and pure white. Satisfaction guaranteed. \$1.00 and \$2.00 per 15, \$6 and \$10 per 100. Pleasant View Poultry Farm, Middletown, Pa. 12-1-3

S. C. WHITE LEGHORN pullets \$1.00. Wm. Gray, Warren, Pa. 1-12-2

S. C. WHITE LEGHORNS—200 cockerels, pullets, April hatched, large white, vigorous birds, World's best laying strain, winners at all shows. D. Schaller, Clark, Pa. 5-2-3

FOR SALE, ROSE COMB WHITE LEGHORNS, cocks, cockerels, hens, exhibition cockerels. P. Augustin, 8, Orland, Ill. 3-12-2

WYCKOFF STRAIN UTILITY S. C. W. LEGHORN cockerel for sale. Orders booked now for day old chicks, eggs and custom hatching. Clover Range Poultry Farm, South Branch, N. J. 3-1-3

UTILITY S. C. W. LEGHORNS—Chicks \$15; eggs \$6 per 100. Noan C. Stabley, Red Lion, Pa. 4-3-3

FIVE POINT COMB LARGE, VIGOROUS S. C. LEGHORNS \$2.00 each. L. L. Peck, Kanona, N. Y. 2-1-3

Broadfield Farm S. C. WHITE LEGHORNS—12 yearling cocks, also early hatched cockerels, something that will improve the whiteness and laying quality of your flock \$3.00 each. C. B. Hay, Mgr., Greenwich, N. Y. 1-12-2

S. C. W. LEGHORNS—Hatching eggs, fertility guaranteed. Day old chicks, born with the hustle in them. Safe delivery guaranteed. Special sale mature cockerels, \$2.00 each. Mount Pleasant Farm, Mount Pocono, Penna. 6-5-3

BULLY GOOD WHITE LEGHORNS (S. C.) 800 yearling hens 95c. each. Will stand return expressage any lot not entirely satisfactory. Good circular free. George Phillips, 17 Cranford Park, Wakefield, New York City. 1-12-2

SINGLE COMB WHITE LEGHORN cockerels. Heavy laying strain, \$2.00 each. Dodge Poultry Farm, Oakfield, N. Y. 3-2-3

S. C. WHITE LEGHORNS—Eggs, record stock. Cockerels \$1.50 up. Eggs and chicks a specialty. Free egg coupon. Fairfield White Leghorn Yards, Amanda, Ohio. 3-2-3

700 yearling WHITE LEGHORNS for sale 75c each. Will exchange for White Wyandotte or Barred Rock yearlings. South Side Poultry Farm, Eastport, L. I., N. Y. 1-12-2

Swastika Strain SINGLE COMB WHITE LEGHORNS AND ORPINGTONS. Stock for sale. Eggs for hatching at reasonable prices. They win and lay. Write for catalogue and mailing list. Swastika Poultry Yards, Plano, Ill. 3-2-3

MINORCAS—BLACK

ROSE COMB BLACK MINORCAS. Cockerels for sale. Halbert F. Gaines, Poultney, Vermont, R. No. 1. 2-12-2

CHOICE S. C. BLACK MINORCA pullets and cockerels, \$2 and \$3 each, while they last. H. D. Barto, Jamesville, N. Y. 1-12-2

MINORCAS—WHITE

Tioga Strain WHITE MINORCAS—Stock for sale. L. D. Clark, Apalachin, N. Y. 3-12-2

ORPINGTONS—BLACK

BLACK ORPINGTONS for sale. Hens, pullets, cockerels \$2 and \$3 each. Rev. H. N. Van Deusen, Milford, N. Y. 3-2-3

S. C. BLACK ORPINGTONS, hens, pullets, cocks and cockerels. Richard Baugh, Vincennes, Indiana. 1-12-2

ORPINGTONS—BUFF

S. C. BUFF ORPINGTON pullets, heavy laying strain, will begin laying this fall now for sale. Trios properly mated, two pullets and cockerel \$8, or \$3 per bird. L. S. Neal, Proprietor, Spray, N. Car. 3-12-2

WILLARD'S CHAMPION BUFF ORPINGTONS win hundreds of prizes at Madison Square, Boston, Chicago, Detroit, etc. At great Michigan State Fair won nineteen of twenty firsts in past four years. One thousand old and young birds for sale. Utility \$2 each. Good breeders \$3. Show birds fit to win, having brilliant color, at reasonable prices. Catalog free. Write today. Willard Farm, Linden, Michigan. 4-2-3

ORPINGTONS—WHITE

WHITE ORPINGTON HOME—Rose Comb White Orpingtons exclusively. Write your requirements to the largest specialty breeder in America. Earl L. Cook, Munnsville, N. Y. 3-1-3

WHITE ORPINGTONS—Large, massive birds reared on free range. Best blood lines in America. Cockerels, pullets, reasonable prices. Milton Fox, Palmyra, Pa. tf

FOR SALE—My entire flock of **SINGLE COMB WHITE ORPINGTONS**, 65 old and young, some good show birds among them, a great bargain, write quick. Robert M. Kipp, Leechburg, Pa., R. D. No. 3. 1-12-2

Kellerstrass strain **WHITE ORPINGTON** cockerels for sale. High scoring birds. Eggs in season. Mrs. A. R. Stickley, Macomb, Ill. 1-12-2

S. C. WHITE ORPINGTONS—Cockerels for sale from prize winning stock. Harry E. Bostwick, Verbank Village, N. Y. 1-12-2

WHITE ORPINGTONS—Young and old stock. Kellerstrass strain direct. O. A. Zimmerman, Forest, Ohio. 1-12-2

Kellerstrass strain **WHITE ORPINGTONS**. Three pullets, one cockerel, June hatched, five dollars. E. F. Covert, Chemung, N. Y. 1-12-2

ORPINGTONS—SEVERAL VARIETIES

WILLIAM COOK & SONS, Originators of all the Orpingtons, Box W., Scotch Plains, N. J. For the best Orpingtons, any variety, it is natural you must send to their Originators. Send 10c for Illustrated Catalogue, just out, with history of Orpingtons and hints on poultry keeping. tf

ROSE COMB BUFF, BLACK, AND WHITE ORPINGTONS, Madison Square Garden, Chicago, Cleveland and Detroit winners. H. C. Faulkner, Marshall, Mich. 6-2-3

FOXHURST FARM Champion Black and White Orpingtons have for past seven years been largest winners at America's leading shows including Madison Square Garden, N. Y., Boston, Philadelphia, etc. A consistent winning strain, bred by us, not imported. Prices reasonable, shipped on approval. Young and old birds for shows guaranteed to win. See our regular ad. page 31 Foxhurst Farm, Lime Rock, Conn. tf

Young trios \$5 each in **BUFF, BLACK OR WHITE**. One pound chicks \$1 each. Choice show stock for sale. Send 10c for Orpington Magazine 1 year. Chevio Farms, R. No. 3, Cincinnati, Ohio. 3-1-3

DIAMOND JUBILEE AND BLACK ORPINGTONS. Beauties, grand layers, large birds. Fine specimens for sale. Eggs in season. Rev. W. Berberich, Groton, New York. 3-2-3

PIGEONS

200 PAIRS MATED HOMERS \$1.00. 12 Pairs for \$10.00. Catalogs 10c. Pigeon Dept., R. F. D. No. 16, Orchard Park, N. Y. 4-12-2

PLYMOUTH ROCKS—BARRED

BARRED ROCK BREEDERS. Send 50c for National Barred Rock Journal one year. The only monthly magazine issued wholly in the interests of the Grand Old Breed. W. L. Robinson, Pub., Union City, Mich. tf

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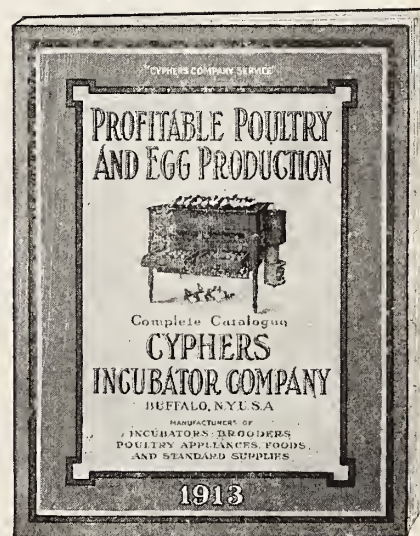
TURKEYS

YODER'S BRONZE TURKEYS, America's greatest winning strains, large, well marked, breeding or exhibition. Satisfaction guaranteed. I pleased others, I can please you. S. M. Yoder, Elk Lick, Pa., Box E. 3-2-3

CYPHERS INCUBATOR COMPANY'S GREAT ANNUAL FREE BOOK READY FOR MAILING THIS MONTH

Many readers of this paper will be glad to learn that the 1913 Complete Catalogue and Poultrymen's Guide, published annually by Cyphers Incubator Co., Buffalo, N. Y., will be ready for distribution this month; also that a first edition copy will be mailed free by the Cyphers people, post paid, to any of our readers who will write them for it and mention AMERICAN POULTRY WORLD.

The Cyphers Company's 1913 book contains 244 pages, 7¼ by 9¼ inches in size, and each copy weighs a pound. It is profusely illustrated from cover to cover, including hundreds of pictures of fowls, down-to-date poultry plant views and recent portraits of foremost American and Canadian poultry breeders.



This 244-Page Book Free to Our Readers

The title of the 1913 book is, "Profitable Poultry and Egg Production," and there are eight exceptionally valuable chapters which fully justify its name. They are as follows:

- I—What Is Possible in Poultry Meat Production?
- II—What Can Be Done in Way of Egg Production?
- III—Deep Litter Feeding Experiments of 1912.
- IV—Quick Maturity in General Purpose Fowls.
- V—Desirable Weights in Chickens for Table Use.
- VI—How to Establish Prolific Egg-Yield Flocks.
- VII—Today's Best Chance in the Poultry Business.
- VIII—Small Scale Poultry Keeping on a Practical Basis.

The Poultrymen's Guide feature of the Cyphers Company's book for 1913 is based on the indisputable fact that the profitable production of market fowl and table eggs form the solid foundation of our present billion dollar poultry industry, of which the standard-bred branch is the head. The argument of the book is along this line and it is believed by the publishers that its contents will be a revelation to thousands of earnest poultrymen and women in every branch of the industry.

The greatest value of the Cyphers Company's free catalogue and guide for 1913, is to be found in what it sets forth and recommends as being both possible and practical in the field of really profitable poultry and egg production. The facts reported and the methods described are based on actual experiments conducted in 1911 and 1912 on the Company's \$75,000 experimental and demonstration poultry farm, consisting of fifty acres of land located just outside of Buffalo. The 16-page introductory to the book and the eight chapters were written by Grant M. Curtis,

President of Cyphers Incubator Co., who says that he believes a copy of it should be read, studied and preserved "by every person who is trying to better his or her condition in life by keeping poultry on either a small or large scale for any purpose."

To obtain a free copy of "Profitable Poultry and Egg Production," write direct to the home Offices of Cyphers Incubator Company, Buffalo, N. Y., or address the Company's nearest Branch Store, as follows, being sure to mention this paper: 12-14 Canal St., Boston, Mass.; 23 Barclay St., New York City, N. Y.; 329-331 Plymouth Court, Chicago, Ill.; 317-319 Southwest Blvd., Kansas City, Mo.; 2127-2131 Broadway, Oakland, Calif.; or 121-123 Finsbury Pavement, London, England.

DEARBORN & SHARPE, BLAIRS-TOWN, N. J.

George Dearborn of Blairstown, N. J., has been breeding S. C. R. I. Reds for years and has become prominent in the ranks of Red breeders from the number of high class specimens he has produced. His 1st prize cockerel at Pater-son last season was considered by many to have been the best S. C. cockerel out last year. William Card, who judged him, said he was the best he ever saw or judged. The same bird won 1st as cock at Allentown this year. A pul-let out of this great bird won 1st and special for best Red in the show at Allentown, and Mr. Dearborn refused 200 dollars for her.

Mr. Sharpe, principal of the Blairstown academy, is associated with Mr. Dearborn. Owing to failing health Clinton Terwilliger, who has produced many high class Reds, was unable to devote the proper time and attention to his poultry business and made an offer of his entire stock to Messrs. Dearborn & Sharpe, which they promptly accepted. We have long been acquainted with the merits of Mr. Terwilliger's birds, but the stock that he turned over to Messrs. Dearborn & Sharpe, by far the best he ever owned. This sale will place Messrs. Dearborn & Sharpe in the front ranks of S. C. R. I. Red breeders and they are to be congratulated upon their business acumen in making this purchase. We envy them in their possession of this great flock.

Messrs. Dearborn & Sharpe will have 50 choice cockerels to spare from the Terwilliger flock. They will do to show, but they will be more valuable to breed. We would advise some of our friends that breed Single Combs to secure one of these cockerels to cross on some or their own females.

"THE GREAT ROCHESTER SHOW"

The next "Great Rochester Show" of the Flower City Poultry and Pigeon Association, Inc., will be staged at Rochester's new Exposition Hall, located at Exposition Park, during the week of January 6th to 11th, 1913.

This brand new fireproof hall contains some 45,000 sq. ft. of floor space on the ground floor, with a glass roof and about 300 ft. of it on the south side, giving practically daylight conditions on the inside.

The association will this year, for the first time, coop the show with their new sanitary all wire and metal coops. These coops are of an original design and are an inch higher than the regulation exhibition cage now on the market, affording that much needed head room for the larger varieties.

The Houdan Club, the Black Orping-ton Club, and the Sicilian Buttercup Club will hold their annual meetings during the show.

Messrs. R. N. Barnum, C. L. Jackson, H. M. Kenner, Frank G. Bean, J. Frank Van Alstyne, George H. Burgott, Dr. C. J. Andruss, O. W. Preston, R. D. Jolley, Theodore F. Jager and Edward Morris will place the awards.

Sec'y John F. Tallinger, P. O. Box No. 544, Rochester, N. Y., will be glad to send a premium list to correspond upon matters pertaining to the show with any of our readers.

*** A postal will bring a copy of our Clubbing Catalogue by return mail ***

AMERICA'S LEADING WINNERS in Giant Bronze Turkeys and Partridge Plymouth Rocks. See our ad on page 31. Bird Bros., Meyersdale, Pa. 1f

BRONZE TURKEYS—200 Toms and Hens bred from first and third prize toms at Madison Square Garden, New York. Exhibition and breeding stock for sale. Prices right. H. L. Fike, Box 15, Meyersdale, Pa. 3-2-3

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Boyd's Washington Strain of winning **BLACK WYANDOTTES**. Ridge Crest Farm, Paris, Md., formerly of Wash., D. C. 12-11-3

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GOLDEN WYANDOTTES of utility and exhibiting qualities. Winners of the highest honors in America's leading shows. Heavy layers and strong winners. Write your wants. Prices reasonable. Green Valley Poultry Yards, R. A. Keller, Mgr., Saylersburg, Pa., Box 14, W. 1-12-2

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If you want eggs, meat and beauty, get the **PARTRIDGE WYANDOTTES**. Some nice young stock from my last year's winners for sale reasonable. Also some fine Silver Campine cockerels. Lakeview Poultry Yards, A. F. Elliott, Prop., Port Huron, Mich., 2829 Wright St. 3-1-3

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Miller's **WHITE WYANDOTTES** win first in Pennsylvania show. Stock ready for shows. A. A. Miller, McKeesport, Pa. 1-12-2

CHOICE WHITE WYANDOTTES—Some high class breeding stock and exhibition stock in males and females. All stock guaranteed. Write us your wants. Eadie Bros., Akron, N. Y., Box 95. 3-2-3

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64 VARIETIES Poultry, Hares, eggs for hatching. 2000 birds for sale. Catalog and show record free. H. D. Roth, Box B, Souderton, Pa. 6-3-3

PARTRIDGE WYANDOTTES, GOLDEN SEBRIGHT BANTAMS and PEARL GUINEAS, \$2.00 each, \$5.00 trio. A few yearlings at a bargain. Ravine Poultry Farm, Almond, N. Y. 1f

BARRED & WHITE ROCKS, R. C. R. REDS, Reds Sibley Strain.—Stock for sale. J. E. Brocklehurst, Mercer, Pa. 3-12-2

R. J. HOAGLAND poultry judge, breeder of Orpingtons, Columbian Rocks, Anconas, Black Tail Japanese Bantams, Stamford New York. 2-12-2

Prize winning Partridge **PLYMOUTH ROCKS** and **MAMMOTH BRONZE TURKEYS**. Old and young birds for sale. Charles Wilde & Son, Needham, Ind. 3-2-3

CREVE COEURS \$25 trio. White Bearded, Golden Bearded and Plain, Silver Bearded and Plain, Buff Laced and White Crested Black Polish, Houdans, White Faced Black Spanish, Silver Spangled, Silver Pencilled, Golden Spangled, Golden Pencilled Hamburgs, Pigeons all varieties. J. B. Sutherland, Strathroy, Ont., Canada. 3-2-3

HIGH CLASS EGGS, S. C. White Leghorns, S. C. Black Minorcas \$1.00 per 15. West End Poultry Yards, Waynesboro, Va. 3-2-3

MISCELLANEOUS

BULLETIN ON "BALANCED RATION" absolutely free; tells how to compound at home, most economical and healthful mash, chick foods, scratch foods. Drop postal giving your dealer's name and address, to Henola Food Co., Box 405-W, Newark, N. J. 12-9-3

FOR SALE—Pure bred Muscovy Ducks, \$7.50 a trio, Drakes 5 dollars, very large size. Pekin Ducks for breeding, 12 for 15 dollars. The finest kind. Trelouise Geese, \$7.50 a pair. Chas. P. Hatch, Plumbeach Farm, Port Washington, Long Island. 3-12-2

FOR SALE—Laying hens and breeders at \$1.50 a piece, S. C. White Leghorns, Buff Wyandottes, Buff Rocks, White Wyandottes, S. C. Black Minorcas, some fine cocks at 3 dollars a piece, also cockerels at same price. Chas. P. Hatch, Plumbeach Farm, Port Washington, Long Island. 3-12-2

FOR SALE—A 4,000 Egg Cyphers Incu-bator in perfect order, to be sold on account of departure, for 275 dollars. Chas. P. Hatch, Plumbeach Farm, Port Washington, Long Island. 3-12-2

FOR SALE Rabbit, Fox, Coon, Oppos-om, Skunk, Deer, Bear, Wolf, Blood Hounds, Setters, Pointers, Ferrets, Pigeons. Free list. Browns' Kennels, York, Pa. 4-12-2

FOR SALE—Large Pekin Ducks for breeders at \$1.50 a piece. Muscovy Ducks at \$6.00 a trio. Mallard Drakes at \$2.00 a piece. \$6.50 for a trio of Wild Mallard Ducks. Plumbeach Farm, Port Washington, L. I., N. Y. 2-12-2

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FOR SALE—A 4,000 Egg Incubator for 275 dollars. In perfect order. Chas. F. Hatch, Plumbeach Farm, Port Washington, L. I., N. Y. 2-12-2

OUR 16th ANNUAL POULTRY COURSE will be held January 2nd to February 13th, 1913, inclusive. We have some new, modern houses, new yards and a new text book. We teach all branches of poultry keeping by lectures and demon-strations. Each student has incubator, brooder and pen practice. Terms moderate. Write for bulletin. Rhode Island State College, Kingston, R. I. 1-12-2

BENNETT'S POULTRY RECORD and Expense Book keeps daily account of eggs collected and sold, 25c. Money back if not satisfied. Agents wanted. E. W. Bennett, Box 656 K, New Britain, Conn. 3-2-3

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HIGH GRADE PRINTING for poultrymen at reasonable prices. Fine cuts used FREE. Half-tone cuts made from your photographs. Send for samples now. Riverside Press, Brishen, N. Y. 3-12-2

PENNSYLVANIA STATE FANCIERS' ASSOCIATION

The members of the Pennsylvania State Fanciers' Association are all hustling to make the fourth show, which will be held in Altoona, Pa., January 20-25, 1913, the best that they have ever had. Their last year's show was a great success, over 2,000 birds being on exhibition, and they expect to double that this year. They are offering silver cups and gold specials on all breeds of poultry, pigeons and pet stock. There are no strings to them and they pay all premiums during the show. If you have not received a copy of their premium list send for one today. They have secured the services of A. Fred Kummer of Butler, Pa., and W. Theo Wittman of Allentown, Pa., to judge poultry, and P. A. Scheid of Lancaster, Pa., to judge pigeons. The reputation of these men assures every exhibitor a square deal. They will hold their banquet on Thursday evening, January 23rd. For premium list and any other information address H. S. Wertsberger, 121 Washington Ave., Altoona, Pa.

*** Our poultry books cover all subjects.—Ask for a list ***

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WASHINGTON HEIGHTS FANCIERS' ASSOCIATION

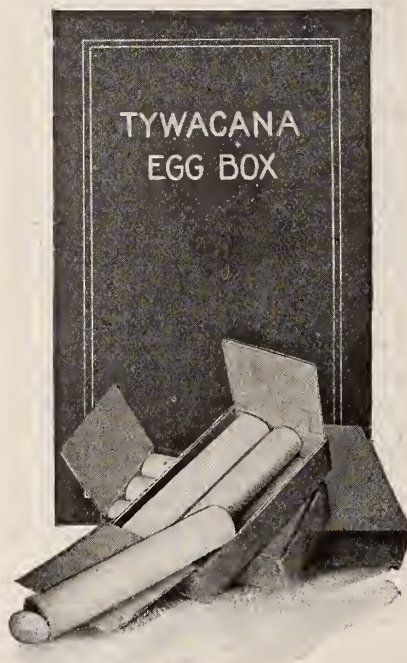
The second annual show of the above association will be held at Washington Heights, Chicago, Ill., Jan. 29-Feb. 1, 1913. Besides a large list of cash premiums there will be many attractive special prizes including cash, silver cups, etc. Chas. V. Keeler of Winamac, Ind., will place the awards. For further information address Wm. J. Zuttermeister, Sec., 10106 Prospect Ave., Washington Heights, Chicago, Ill.

SHIPPING EGGS BY MAIL

What will be Possible in a New Development of the Poultry Business as Soon as the Parcels Post Goes Into Effect

That the big poultry plants, especially those near the large cities, are going to make a great and very profitable development out of the new Parcels Post Act in the matter of mailing eggs to customers, seems undoubted, judging from the preparations now nearing completion at the Tywacana Farms Poultry Company, the big Rock and Leghorn establishment at Farmingdale, Long Island.

Tywacana, which is well known to poultrymen throughout the East, both for its excellent eggs, day-old chicks and breeders and its distinctive Indian



This free book describes the new Tywacana Egg Box.

Head trade mark, is one of the foremost poultry farms in the vicinity of New York City. Established some years ago by B. F. Yoakum on his Long Island estate, Tywacana is now under the management of A. E. Wright, a poultryman whose name is familiar to poultrymen throughout the east for his prize winners in Madison Square, St. Louis and other big shows. Mr. Wright is a man of progress in poultrydom, and it is characteristic of him that he has grasped this great opportunity by the forelock.

In a few words, the proposition is simply this. From the Tywacana farms will be shipped, daily, fresh eggs to the consumer in the large cities nearby. In place of being given to the expressman, however, and starting on a journey that may be precarious as to the length of time it consumes, and very probably will be dangerous to the eggs as to the character of the handling, these same fresh eggs, neatly done up in specially designed and patented boxes, will go via Uncle Sam's efficient and expeditious route, and be delivered in the morning by a gray uniformed postman with a whistle.

An excellent idea, Eh? Sound to the core, provided ONE thing is looked after, states Mr. Wright. This thing is none other than the absolute

necessity for carriers that will prevent the eggs being broken in transit. The whole business rests upon the boxes in which the big white hen fruit is packed.

To get around this, Mr. Wright is going to make his own boxes. They have been especially designed and invented for this express purpose. And in order to have enough of them at all times to handle the great Tywacana trade in eggs, Mr. Wright is putting up a factory to manufacture these boxes himself, at Tywacana.

These Parcels Post Egg Boxes are made of double corrugated board, tight, trim and strong as steel. They are light and very cheap, easy to pack and put together, and—but what's all this got to do with the Tywacana Mailing Egg scheme? Nothing more than this—Mr. Wright, realizing what a big thing this parcels post is going to be for the poultryman, and looking ahead at the inevitable demand for egg shipping boxes, has simply made the factory larger and prepared for selling the boxes, together with larger boxes for shipping hatching eggs and day-old chicks, to poultrymen generally.

Poultrymen cannot realize the importance of the package in the egg business. There is nothing that so pleases a customer and renders him so likely to be satisfied with his article than to have that article arrive in a neat, clean, attractive package. It makes for good will, more business and less kicks and claims for damages.

These boxes manufactured at Tywacana are about as neat, clean and attractive as can be made. They are also cheap and meet every requirement of strength and durability. A sample will be sent to—but better still, there is a neat little booklet, illustrated and nicely gotten up, that will describe these boxes to the queen's taste. Drop Mr. Wright a postal today, addressed to Farmingdale, Long Island, N. Y., and get a copy of this book. It will tell you some things about shipping eggs and chicks that may help you. It will certainly be interesting as describing a novel departure in the poultry world.

THE ONTARIO POULTRY ASSOCIATION

The Ontario Poultry Association will hold their third annual show December 16-21, at the State Armory in Geneva, N. Y. A magnificent show room 90x200 feet, brilliantly lighted and perfectly ventilated. All birds to be penned in coops furnished by the Genesee Cooping Co.

This is to be a great show down-to-the-minute as regards all details. There are many features added to this great show for 1912, features that should appeal to every fancier.

The great sweepstakes, cash specials, trophy cups, cash prizes and special premium to be awarded promptly at the close of the show. Six well known judges will place the awards.

Write H. W. Closs, Secy., Canandaigua, N. Y.

NATIONAL WESTERN AT DENVER, COLORADO

The premium list is out for the National Western Poultry Show, to be held at the Union Stock Yards, Denver, Colo., January 20-25, 1913, in connection with the National Western Stock Show.

Russell and Tucker will place the awards. Comparison Show. Premiums range from 50c to \$6.00 for singles and from \$2 to \$10 for pens, with money down to fifth in larger classes. All premiums guaranteed by the Western Stock Show Association.

Complete list and information may be had by addressing W. C. Schuman, Mgr., 400 S. Emerson St., Denver, Colo.

"The Wright White Orpingtons"

A few high grade, early hatched Utility Cockerels \$2 each.
Fancy Early Cockerels \$5 to \$10. TRY ONE.
Valentine Ranch, R. F. D. No. 1, New Brighton, Minn.
D. H. Wright, Owner. O. C. Thompson, Supt.

BEST FOR LAYERS  BEST FOR TABLE
PARTRIDGE ROCKS
THE ROCKWOOD FARM, BOX W, NORWALK, OHIO

A \$1000 COCKEREL

Headed one of my pens last spring. My chicks this fall are simply wonderful. Use Peerless Strain

S. C. WHITE LEGHORNS
and my success will mean success for you. Can furnish guaranteed winners for Boston, Philadelphia, Pittsburg or any show. Quality considered I believe my price means saving to you of 25 to 50 per cent. Have furnished big winners for years.

Unmatchable utility stock at lowest prices available for quality—but no dollar birds. Write for quotation and get my valuable 24 page free catalogue.

Leon C. Huntington, Box 12-G, Omaha, Neb.

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BRED FOR
UTILITY AND BEAUTY

Write your wants in Cocks, Cockerels, Hens, or Pullets. \$2,000 invested, 20 years' experience.

INCUBATOR EGGS, \$5.00 per 100
\$40.00 per 1,000.

New booklet free.

W. A. Congdon, Waterman, Illinois
BOX 404

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Winners at Mineola, Hempstead and other big shows. Breeding and Exhibition Stock for sale.
We Can Win For You. Address

PHILIP SMITH,

R. I. Red Specialist,

ROOSEVELT, N. Y.

Hazelton & Snyder Columbia County's Largest Breeders of R. and S. C. Reds

Have 1000 fine farm raised cockerels and pullets to sell. We can supply you with show birds that can win in any competition at figures that will surprise you. We must sell—several show cocks to spare—we have the goods.

HAZELTON & SNYDER,

R. F. D.

HUDSON, N. Y.

WARD'S DARK CORNISH AT ALLENTOWN AND HAGERSTOWN

At the quality Fall Shows of America this year, in Dark Cornish I won more 1st and 2nd prizes than all other exhibitors combined, winning 6 firsts, 6 seconds, 1 third, 2 fourths, against 25 other exhibitors showing 83 birds. Also 8 valuable specials. For quality write Ward and let him quote you winners.

JOHN W. WARD, JR.,

Box 2,

PENNINGTON, NEW JERSEY

WEBSETR'S NEW YORK CHAMPION WHITE PLYMOUTH ROCKS

Better than ever is the word. My matings have for years produced Exceptional Quality and winners at Madison Square Garden, New York, Cleveland, Boston, etc. At New York in one year they won 3 first and 2 seconds and all specials. This record stands unapproached by any other breeder.

This Line Will Win For You

We have the goods to win at any show and can supply you Exhibition and Breeding Birds that are Right in Quality and Price. Write me your wants, and let me tell you what I have.

Webster Farm,

Box W,

Girard, Pa.

Lichtenwalter QUALITY BUFF PLYMOUTH ROCKS

Have in 10 years won as many or more Prizes at leading Shows as any other line: this includes Madison Square Garden, New York, Boston, Cleveland, Buffalo, Chicago, Pittsburg, Philadelphia, etc. There are none better. I have a grand a grand flock to select from and can please you with Exhibition or Choice Breeding Birds. Special Sale Prices for November and December.

E. H. Lichtenwalter,

Box W,

Girard, Pa.

Bonnie Brook Poultry Farms

SINGLE COMB WHITE LEGHORNS EXCLUSIVELY

Get our prices on Eggs for Hatching, Day Old Chicks, and Custom Hatching before placing your order.

Our beautiful catalogue describing our Farms, Stock and Methods will be ready to mail about December 1st.

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N. S. Beckley, Mgr.



"Ringlet," 1st Prize and Champion Cockerel, 1st Prize Cock and 1st Prize Pen Cockerel at Madison Square Garden, New York, Winter 1910-1911.

The Three Greatest Living Barred Rock Males.

and 5th prizes on pullets has never been approached in Madison Square Garden and stands alone unequalled. 1,000 grand breeding cockerels for sale; elegant hens and pullets in any number. Show birds fit to win at any competition. Richly illustrated 70-page catalogue upon request; it is full of original pictures of New York winners from life.

EGGS from the World's Finest Exhibition Matings, \$10 per setting, fifty eggs, \$35; one hundred eggs, \$60.

E. B. Thompson

Lock Box 330,

Amenia, New York

ROYAL BLUE BARRED ROCKS

READY TO WIN

For 30 years I have been breeding the winners at New York, Bos-

ton, Philadelphia, Chicago, Buffalo, St. Louis, Topeka and hundreds of other shows from Maine to Texas. I have never before had such a fine lot of early well matured show birds as this season.

At New York, December, 1911,

At the strongest show of Barred Rocks in America, *six out of eight of the winning cockerels* were bred and raised on my farm. My *first prize sweep-stake New York cockerel* was pronounced the *best ever exhibited*. I can sell you *sure winners* sired by these *New York Champions*.

AT BOSTON, 1912:—My *White Rocks* won 1st cockerel, 1st pen, 2nd cock and *Championship Cup for best male*. 2000 choice breeding birds for sale at honest prices. Catalogue of the Champions Free.

A. C. Hawkins,

Lock Box 30,

Lancaster, Mass



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The Blood of Conquerors in Their Veins

and will give you results you cannot expect from other stock. Our new book, telling you about our **WORLD'S BEST STRAIN OF WHITE WYANDOTTES**, our place and method of breeding and growing our stock, with full instructions for their care both in sickness and health, will be ready for mailing about Dec. 1st, 1912. Send 25c. in coin or stamps for a copy. Our illustrated price list is free for the asking, send for one today.

J. C. FISHEL & SON,

Box W,

HOPE, INDIANA

For over a quarter of a century we have devoted all our time and energy to the improving of pure bred poultry

THIS YEAR

having purchased an adjoining farm we have had room to scatter our colony houses so that each flock has a wide range to work over. We have never had such growth before and now have any number of birds ready and fit for the show room.

We are already receiving reports from customers who have recently purchased some of

World's Best White Wyandottes

for the big fairs and early shows and they ARE WINNING AS USUAL wherever shown and in all classes. We can fit you out for any show and any kind of competition at reasonable prices, quality considered, for

WE HAVE HUNDREDS OF YOUNGSTERS.